HOLSTEIN-FRIESIAN WORLD

WESTERN EDITION

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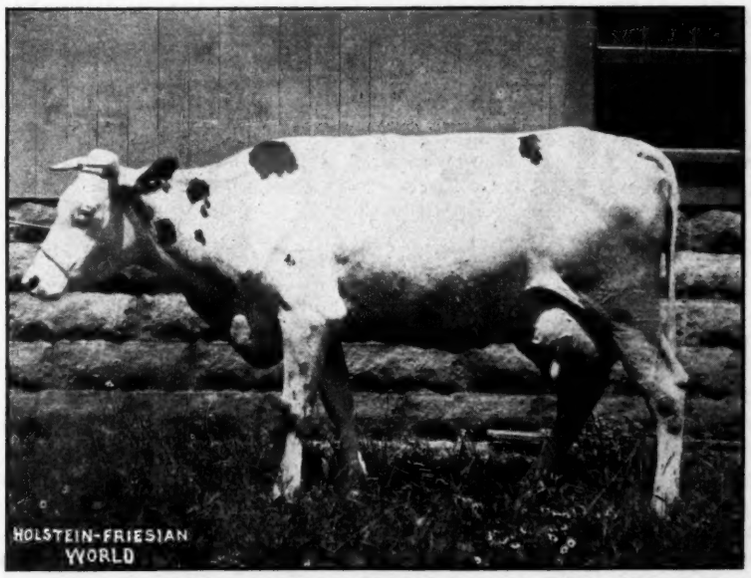


BRIAR PIETJE ABBEKERK 127718

The new world's champion junior three-year-old for butter production in the semi-official division. In 365 days, she produced 764.35 lbs. fat (955.4 butter) from 21,628.3 lbs. milk. She freshened at the age of 3 years, 2 months, 3 days. Her sire is Dutchland Rag Apple Sir Abbekerk 54513; her dam is Pietje Tryntje De Kol 94930. In the junior three-year class of this division she displaces Dutchland Changeling Colantha Lad 120762, whose record for 365 days is 757.37 fat from 21,-239.8 lbs. milk. Ten different supervisors were employed in the conduct of this test. She was bred by F. W. Scott, Granville, N. Y. and is now owned by A. A. Knapp, Preble, N. Y.

A BULL GIVEN AWAY

Whose 11 Dams Records Average 30-lbs

The member of the Holstein-Friesian Association of America, who makes the nearest estimate to the selling price of the young bull, King Walker Champion, that is to be sold at Earlville, N. Y., May 8th, WINS A SON OF KING OF THE BLACK AND WHITES AND ABBY HARTOG CLOTHILDE 2D, A 27-LB. FOUR-YEAR-OLD DAUGHTER OF ABBY HARTOG CLOTHILDE, RECORD 31.39 LBS.

King Walker Champion, IS THE ONLY BULL OF THE BREED, WHOSE DAM, GRANDDAM, GREAT GRANDDAM and SIRE'S DAM, GRANDDAM and GREAT GRANDDAM ARE ALL 30-LB. COWS.

He is handsomely marked, and individually as good as his breeding.

COME AND SEE THIS GREAT CALF SOLD AND WIN A PRIZE THAT WILL PAY YOU MANY TIMES FOR YOUR TROUBLE.

A. A. Hartshorn Holstein Co.

Hamilton, New York

An Illinois Sale

Fifth Annual Quality Sale April 14th at Peoria, Ill.

We are pleased to announce that we have consigned about 35 head of cows and heifers to the above sale. We want to get acquainted with our fellow breeders in Illinois and the Middle West, and we nope you will all be at this sale.

Our consignment will be a good one. We cannot tell you here about all the good animals that we have put in, and suggest that you write now to I. J. Case, Alta, Ill., for a catalogue.

There will be about 10 cows and heifers bred to King Quality, and as many more bred to a son of Admiral Walker Pietertje. There will be A. R. O. cows with records up to 25 lbs. of butter in seven days. Heifer calves, too, from A. R. O. dams.

And if you are looking for a bull of first-class breeding, one that will be a source of profit and satisfaction to you, just come to this sale.

This will be an opportunity to secure 30-lb. breeding. King Quality's four nearest dams all have records greater than 30 lbs. of butter in seven days. We already have over fifty calves by him. His first daughters will freshen next fall, and all will be officially tested. Write us for more information about him.

Bonalevo Farms

R. E. CHAPIN & SON Box C Batavia, N. Y.

SPRING FARM HERD

THE HOME OF THE $15000 BULL SPRING FARM PONTIAC CORNUCOPIA No. 77172 AND HIS FULL BROTHER

King Korndyke Pontiac Lass No. 115585 and also King Pontiac Konigen No. 75348 a son of King of the Pontiacs and from the great cow Diona Konigen Pietertje with an A. R. O. record of 37.44 lbs. of butter in 7 days from 661.6 lbs. of milk; 154.16 lbs. of butter in 30 days from 2652.10 lbs. of milk; percent fat 4.6; 103.2 lbs. of milk in one day. This is the 4th largest 30 day record in the World.

He has a full sister K. P. Diona Pietertje 20.23 lbs. in 7 days as 2 yr. old, 80.99 lbs. in 30 days.

A few young bulls for sale sired by Spring Farm King Pontiac the three fourths brother of the dam of the 44-lb. bulls.

Service to insure a life calf $350.00 to the 44-lb. bulls, except for 30-lb. cows, which will cost $500.

Service to insure a live calf $150 to King Pontiac Koningen.

Francis M. Jones

Oneida Co. **CLINTON, N. Y.**

Sir Veeman Hengerveld

has 49 A. R. O. daughters, including five with records of 30 to 33.69 lbs., 20 above 25 lbs. and 35 above 20 lbs.

No other sire, living or dead, with half as many A. R. O. daughters, can approach this showing with respect to percentage of either 20-lb. or 25-lb. daughters. Only one other living sire has as many 30-lb. daughters.

This time we offer one of his sons, an exceptionally fine individual, two-thirds white born July 2, 1913. His dam, Julia Hengerveld Veeman, freshening as she did in hot weather, made a record of only 14.41 lb. butter, 356.4 lb. milk, but she is bound to be heard from in later tests. One of her full sisters has just made a 2-yr-old record of 16.95 lb. She was by Sir Korndyke Pontiac Artis, and from a 17-lb. jun. 2-yr.-old daughter of **Sir Veeman Hengerveld** and the great 25-lb. show cow, De Kol Princess Tricksy. The pedigree of this calf thus presents a double cross of the blood of Sir Veeman Hengerveld, and is extra good in every line.

If you are looking for individuality you ought to see Sir Veeman Hengerveld and his sons and daughters. But if you cannot make a personal inspection write for further information to

W. D. ROBENS

Pleasant Hill Herd **Poland, N. Y.**

N. B.—The service fee of Sir Veeman Hengerveld, for approved cows only, is $100.

Want Ad Column

$1.00 per insertion. Send price with copy.

WANTED.

Yearling Heifers, not bred. Send breeding and price to

W. H. GRENELL,

Pierrepont Manor, New York.

WANTED

To exchange for a well-bred registered bull calf an outside Apollo Piano Player with 50 records. In perfect condition to attach to piano.

HARRY L. BENEDICT,

East Syracuse, New York.

WANTED.

Position wanted by competent herdsman experienced in A. R. O. work. Married, thirty-eight years old, no liquor or tobacco. Write particulars and wages in first letter. For reference write E. M. Hastings, Lacona, N. Y. Address, Box A, Holstein-Friesian World, Madison, Wis.

WANTED

Am in want of a few extra good show animals for the Fall Fairs. Let me know what you have Could also use 20 registered heifers.

C. E. GESCHWIND,

1452 Elm St., Youngstotwn O.

King Segis Champion 71546

World's record average first prize winner. Greatest breeding and individuality. Service fee $200. Send for plate and pedigree. Choice stock always for sale.

E. C. BRILL

Stewartsville, Warren Co., N. J.

Bond Century Farm
Canastota, N. Y.

Grandsons of King of the Pontiacs from A. R. O. dams for sale. Address **W. E. Bond, Potsdam, N. Y.,** or call at the farm.

W. A. HOTCHKISS, Mgr.

RIVERSIDE STOCK FARM

offers an H.-F. bull born March 25, 1913. Sire, King Hengerveld Segis whose two nearest dams average 30.47 lbs. Dam, Lily Grace Cornucopia, 29.-06 lbs. butter in seven days.

Write for pedigree and price.

A. W. BROWN & SONS.

West Winfield, New York.

THE STANLEY ENGRAVING CO.

Photo-Engravers, Zinc Etchers, Designers.

Half tones, 3x4, at the low price of $1.50. Cuts that will run. References, this paper. Satisfaction guaranteed. **Library Bldg., Tioga St., Ithaca, N. Y.**

FOR SALE

One son of Johanna McKinley Segis 44367.

Dam—a 13.09 lb. two-year-old.

Two sons of Rag Apple Pontiac Korndyke No. 88058.

HENRY ANTHES, Jefferson, Wis.

THIS PICTURE shows a daughter of **DE KOL 2ND'S BUTTER BOY 3RD. A. R. O. record** 22 lbs. made after a serious illness. She being unable to stand on her feet for a week. Will be given a test in March next and will greatly increase her record. I am offering a beautiful marked son of this cow, Born May 3, 1913.

Price an pedigree sent on application.

W. L. KEYES. DEERFIELD, N. Y.

Jenningshurst Stock Farm

Home of RAG APPLE KORNDYKE, the greatest son of PONTIAC KORNDYKE, offers a few choice bull calves.

W. W. JENNINGS TOWANDA, PENN.

HERD SIRES

Korndyke Pontiac Pet, No. 55995 — Sire, Pontiac Korndyke. Dam, Pontiac Pet. Butter, 37.68.

Clarissa Pietertje Ponto, No. 73616 — Sire, Lewis Prilly Rouble Harwg. Dam, Clarissa Clothilde Pietertje. Butter, 32.52.

ISAAC DALRYMPLE & SON OTSELIC, N. Y.

SIR FAIRVIEW MANOR KORNDYKE

is a son of **PONTIAC KORNDYKE** and Fairview Manor Korndyke (27.82 lbs. at 3 years), who was also by Pontiac Korndyke, and from a 24-lb. dam.

We can now offer bull calves by this sire from A. R. O. dams.

R. C. WILSON & SON,

St. Lawrence Valley Farms, Constable, New York.

NORWICH STOCK FARM

Send your orders where you can get WORLD'S RECORD QUALITY —either male or female—at reasonable prices.

Just one BULL CALF left that is a cousin of the 44.15-lb. Cow. A brother of her heads my herd.

R. C. WELLS, NORWICH, N. Y

MARBLE VALLEY STOCK FARM

Sires in Service.

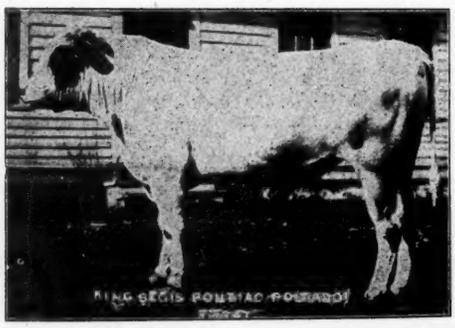
Fairview Korndyke Lad a son of **Pontiac Korndyke** and **Pontiac Pet**; butter 37.68, milk 590.70, per cent fat 5.10.

Inka Princess Mutual De Kol Son a son of **Pontiac Paul** and **Inka Princess Mutual De Kol,** butter 33.25, milk 711.90; 30 days, butter 128.73, milk 3145.3.

We offer bull calves by the above sires from A. R. O. dams, calves are from one to three months old. For price and pedigree write.

J. H. MEAD & SON West Rutland, Vt.

KING SEGIS PONTIAC POLKADOT, 7534



A Bull of $10,000 Quality

King Segis Pontiac Polkadot 75347, a full brother in blood to King Segis Pontiac Alcartra 79602, who sold at the Breeders Consignment Sale at Syracuse, N. Y., in June, 1910, for $10,-000 the highest price ever paid for a Holstein-Friesian bull at public auction, stands at the head of the Uneeda Korndyke herd of Holstein-Friesian cattle. Young bulls nearly ready for service from cows of the choicest of breeding now offered for sale. Write for pedigrees and prices.

Uneeda Korndyke Herd

F. J. Bristol & Sons Co. Oakfield, Wis.

Holstein-Friesian World

VOL. XI. MADISON, WISCONSIN, MARCH 21, 1914. NO. 12.

Another Three Generations of 30-lb. Cows

Word comes from Mr. Geo. V. Leighton of Boise City, Idaho, that Addie De Kol Hartog 2d, as a Senior 3 yr. old, has just made 30.68 lbs. of butter from 640 lbs. of milk. She gave 2930.8 lbs. in 30 days. The latter is the 2d highest record in her class, for milk and this gives this 3 yr. old the honor of being the only Senior 3 yr. old, to make over 30 lbs. of butter and average nearly 100 lbs. of milk for 30 days.

The dam of Addie De Kol Hartog 2d is Addie De Kol Hartog, record 30.50 lbs., and 118.63 lbs. in 30 days, as a Junior 4 yr. old and she is a daughter of Abby Hartog Clothilde, record 31.39 lbs., and 129.30 lbs. in 30 days.

This gives Abby Hartog Clothilde the honor of being the only 30 lb. cow that has produced a 30 lb. Jr. 4 yr. old that has produced a 30 lb. Senior 3 yr. old.

Abby Hartog Clothilde is a three-fourths sister to Buttercup Clothilde Pietertje, record 32.92 lbs., and Buttercup Clothilde Pietertje is dam of Mary Walker Pietertje, record 31.81 lbs., and she is the dam of Marion Walker Pietertje, record 31.63 lbs., the only 3 generations of 30 lb. cows, all above 31½ lbs.

The sire of Addie De Kol Hartog 2d, is Artis De Kol Walker, son of Beauty Pietertje, record 30.50 lbs., Prilly's highest record daughter and the first 30 lb. cow to produce a 30 lb. daughter and this 30 lb. daughter, Lillian Walker Pietertje is dam of Ruby Walker Pietertje, record 30 pounds.

ABBY HARTOG CLOTHILDE
31.39 lb. butter in 7 lays; 129.30 lb. in 30 day. Dam of Addie De Kol Hartog 30.50 lb. butter.

Ruby Walker Pietertje is sired by the same sire as the sire of Addie De Kol Hartog 2d. Ruby Walker Pietertje, 30.20 lbs., is a daughter of Lillian Walker Pietertje, record 30.01 lbs., and she is a daughter of Beauty Pietertje, record 30.50 lbs.

These three 30 lb. cows, each have a dam, that has produced a son that has sired a 30 lb. daughter.

It is only fair to state here, that there is only one other family of 3 generations of 30 lb. cows of the breed. The other is owned by Maplecrest Farms of E. Claridon, Ohio.

This gives to one breed, 4 families of 3 generations of 30 lb. cows, three of which are of the Hamilton Stock Farms origin.

There are four 30 lb. cows of the breed, that have a 30 lb. dam and granddam, three of which were bred at the Hamilton Stock Farms.

This places our King of the Black and Whites in a class by himself and it will take a long time for any other bull to combine in such a close degree the 3 greatest transmitting cows of the breed, Abby Hartog Clothilde, Buttercup Clothilde Pietertje, and Beauty Pietertje.

This combination of breeding is producing by far, the largest percentage of high record cows of the breed. Not great spurts, but transmitting their good qualities to their off-spring, with a degree of certainty which is un-surpassed.

A. A. Hartshorn Holstein Co.

BIG PRIZE OFFERED BY HAMILTON STOCK FARMS

The Holstein-Friesian World,
Madison, Wis.

Dear Sirs:—

We have decided to offer as prize, to the member of the Holstein-Friesian Association, who shall make the nearest estimate to the selling price of King Walker Champion, a son of King of the Black and Whites and Abby Hartog Clothilde 2d, a 27-lb. daughter of Abby Hartog Clothilde, record 31.39 and the sire of Abby Hartog Clothilde 2d is Admiral Walker Gelsche, making 11 dams of the prize calf, with average records of 30 lbs.

King Walker Champion is the only bull, whose dam, granddam, great granddam, sire's dam, granddam and great granddams, are all 30-lb. cows. His dam, Ruby Walker Pietertje, record 30.21 lbs., is a daughter of Lillian Walker Pietertje, record 30.01 lbs., Lillian Walker Pietertje is also dam of the great King Walker. The dam of Lillian Walker Pietertje is Beauty Pietertje, record 30.51 lbs., and she is the daughter of the great old cow, Prilly.

Prilly, Beauty Pietertje, Lillian Walker Pietertje, Ruby Walker Pietertje, Segis Walker Pietertje 2d, have made more butter for both 7 and 30 days, than any family of the breed for 4, 5 and 6 generations. The average for the 6, is 28.27 lbs., and two of them are records made at 3 years of age and one at 12 years old.

This shows thte remarkable transmitting ability of this family of cows.

The sire of King Walker Champion, is King of the Black and Whites, the only bull, whose dam, both granddams and four great granddams' records average 31.04 lbs., and 6 of them 30-lb. cows. His dam, Marion Walker Pietertje, with her dam and granddam, Mary Walker Pietertje and Buttercup Clothilde Pietertje, is the only family of 3 generations that have each made over 31½ lbs., and average 126.68 lbs. for 30 days.

Marion Walker Pietertje is also the only 30-lb. cow, whose dam and both granddams are all 30-lb. cows.

The combining the blood of these two families combines the blood of two families that have demonstrated beyond a doubt, that their transmitting ability is to be unsurpassed.

King Walker Champion undoubt-

edly represents the greatest combination of blood of any bull ever offered for sale. His dam is granddam of the $10,000.00 bull, Admiral Walker Pontiac.

Individually King Walker Champion is as good as his breeding, as is also his dam.

The guessing will close the morning of May 8th, at 10 A. M. Dr. O. S. Langworthy has very kindly consented to receive the estimates and they can be sent to him, or better yet, handed to him at the Sale.

The valuable prize offered, makes it well worth the careful consideration of every member of the Association and also ought to be a strong inducement for those breeding Holsteins, or thinking of doing so, to join the Association before May 7th, and thus be eligible to a guess.

Very truly yours,

A. A. Hartshorn Holstein Co.

[See Advertisement.]

STATE HOLSTEIN-FRIESIAN BREEDERS MEET AT WAUKESHA

Wednesday March 11, 1914 was state "Black and White" day at Waukesha, Wis. The occasion was the regular annual convention of the Holstein-Friesian Breeders' Association of Wisconsin. About three hundred breeders of Holstein-Friesian cattle representing every section of the state gathered at the meeting to listen, and take part in discussions of matters of importance to the interests of their favorite dairy cattle breed. The display of keen interest and enthausiasm that pervaded the gathering on the part of the breeders was most gratifying, and the convention was generally voted the most representative and successful held within the history of the organization.

A particularly gratifying feature of the gathering was the number of delegates present as special representatives of their local community Holstein-Friesian Associations. No less than twenty-one of these organizations were thus represented, as a result of which it was possible to draw up a more definite plan of mutually beneficial co-operation between the community associations and the state association. A plan of providing literature of moment to the interests of the Holstein-Friesian breed in Wisconsin, and of distributing the same through the medium of local associations was adopted.

A plan was also adopted whereby it is proposed to organize the local associations as nearly as possible into one week or two week circuits so that their meetings might be held successively within these circuits in the different sections of the state to prevent conflicts so far as possible, so that the securing of help from the State Association for the meetings of the community associations might be rendered less difficult and more certain.

So far as representatives from the community associations reported to secretary C. J. Schroeder of the State Association at the meeting, the following county and district associations were represented: Barron, Buffalo, Cooks Valley, Fox River, Green, Stanley, Kewaunee, Jefferson, Manitowoc, Northern Dunn and St. Croix County, Price, Sauk, Sheboygan, Trempealeau and Jackson County, Walworth, Waukesha, Welcome, Polk, Richland, Elderon (Marathon County), Calamus.

All of last year's officers of the Association were re-elected to serve for the ensuing year. They are respectively: W. J. Gillett, Rosendale, Pres.; David Imrie, Roberts, Vice Pres.; C. J. Schroeder, Racine, Secy.; F. J. Bristol, Oakfield, Treas.; F. B. Fargo, Lake Mills, director for three years. Other directors holding over are W. C. Schroeder Elm Grove and R. J. Schaefer, Appleton.

The report of the secretary showed the Holstein breed interests in Wisconsin to be in a most thriving condition, while the advance made by the Holstein-Friesian breed in the popular favor of Wisconsin dairy farmers is nothing short of remarkable.

According to the state secretary's report there were on March first, 1913, twenty-eight community Holstein-Friesian breeders' associations organized in twenty-one counties in Wisconsin. There are at this time thirty-eight such associations in the state in thirty-one counties, while notification has been given that moves were on foot to organize three others in three other counties not yet having associations.

The secretary's report showed the advance of the Holstein-Friesian interests in our state in another way: On May 1, 1913 there were in Wisconsin 778 breeders of the "Black and White" cattle who are members of The Holstein-Friesian Association of America. Since that time there has been an average of about 15 applications per month for membership in that Association filed with its secretary, coming from Wisconsin breeders. The membership in the National Association from Wisconsin will therefore soon stand at the 100 mark.

The prominent part which Wisconsin breeders of Holstein-Friesian cattle are taking in promoting the advancement of the breed, was also pointed out in the secretary's report. During the year 1913 there were about 6,400 Holstein-Friesian cows officially tested in the entire country that qualified for Advanced Registration. Of that number Wisconsin breeders are credited with about 800, or one eighth of all that were tested and qualified.

The most pleasing feature of the secretary's report was that which showed the great popularity which the Holstein-Friesian cattle have deservedly gained among the dairy farmers and breeders in the state. There have been transferred to their ownership during the year March 1, 1913 to March 1, 1914, a total of 3767 pure bred cows and heifers, and 3749 pure bred bulls, or a grand total of 7716 pure bred and registered Holstein-Friesian cattle. These transfers were issued to a total of about 3,800 Wisconsin dairy farmers and breeders representing every county in the state. It is safe to say that the Holstein-Friesian interests are today the largest cattle interests in the state of Wisconsin; in fact, that they are as large as all the other pure bred dairy cattle interests in the state combined.

Before the close of the business meeting a fund of $126 was subscribed, by prominent breeders and community associations in the state, to be used for State Fair premium purposes. One hundred dollars are to be used for this year's fair which will be held at Milwaukee Sept. 14-18. This amount it is understood will be duplicated by the State Fair Board and premiums are to go only to Wisconsin exhibitors who make entries in the special Wisconsin classes. Premiums for open classes are otherwise provided for.

The following resolution was offered by R. J. Schaefer and E. G. Race, president and secretary respectively of the Fox River Valley Holstein Breeders' Association for adoption by the State Association:

Resolved; That the Holstein-Friesian Breeders of Wisconsin, in Annual Convention Assembled, recommend that the casein test be recognized as well as the butter fat, in the manufacture of cheese or private distribution of milk, where the food value of the casein in the milk can be considered. Also that the casein test be used in making tests for official records.

By a vote of the Association the resolution was referred to a committee of three members for consideration.

Besides the business meeting an excellent program of addresses and dis-

cussions was rendered at the convention. Mayor Wilbur of Waukesha welcomed the breeders to his city and spoke in high terms of the efforts of the Holstein-Friesian breeders of the state, basing his judgment on what is being done for the common good of the dairy and farming interests in the vicinity of Waukesha by Waukesha County Holstein breeders. W. C. Schroeder of Elm Grove, responded to the Mayor's address. An excellent address, which appears elsewhere in this issue, was next gixen by Pres. W. J. Gillett. Other speakers were Dr. H. B. Favill, Lake Mills, A. W. Hopkins, Madison, and Wm. Baird, Waukesha.

Dr. Favill discussed the development of a purebred live stock market. He touched particularly upon the pure bred public auction sale, and impressed upon the breeders the importance of carrying on these sales after methods that would leave their conduct and character above reproach. Mr. Hopkins gave a talk on live stock advertising, illustrating the same with stereoptican views that gave many valuable suggestions to the breeders for preparing their copy and outlining their advertising campaigns. Mr. Baird reviewed what has been accomplished by the Waukesha Holstein-Friesian Breeders Association for the Holstein-Friesian breeding interests of Waukesha County. His review should give ample encouragement to the other community associations in the state represented at the meeting that are working with the same ends in view as those entertained by the Waukesha Association. On the evening previous to the meeting a smoker was held by members of the Association at which they were enabled to form new and closer acquaintances with each other, and given the opportunity to express their views on subjects opened for discussion.

BEATITUDES

Blessed is the man who has found his work.—William Morris.

* * *

Blessed is the man who has found someone to do his work.—Andrew Carnegie.

* * *

Blessed is the man who has found a machine to do his work.—Thomas A. Edison.

* * *

Blessed is the man who has found that the Holstein-Friesian World is the best medium in which to advertise his machine.—Chas. G. Brown.

CO-OPERATION FOR WISCONSIN HOLSTEIN-FRIESIAN ADVANCEMENT

Address of Pres. W. G. Gillett at the Annual Convention of the Holstein-Friesian Breeders' Association of Wisconsin, held at Waukesha, Mar. 11, 1914.

Members of the Wisconsin Holstein-Friesian Breeders' Association and Gentlemen:—

It is again my pleasure to extend greetings to the Holstein-Friesian Cattle Breeders of the state in convention assembled.

The past year is only a repetition of former years in the activity of our breeders, the increasing popularity of our cattle, and the broadening of the field of Holstein-Friesian Cattle interests.

The membership of our National Association is growing by leaps and bounds and our transfer list shows a steadily increasing demand and manifestations of a very lively traffic.

Our Advanced Registry Department I am informed is taxed beyond all former record in the matter of officially authenticated milk and butter records, the size of many of which have soared almost beyond our fondest hopes and expectations, and today as in the past, the Holstein-Friesion breed has encountered no foeman worthy of its steel.

Every day the breed is making new converts and finding new fields, where, through practical demonstrations of dairy ability and dairy utility it is bound to contribute liberally to the building of better homes, thus establishisg conditions for better educational, industrial and social relations in rural life.

Nearly forty County Holstein-Friesian Breeders Associations have been organized in Wisconsin thus showing a wide spread interest and a spirit of co-operative effort. This certainly gives evidence of a very prosperous condition and the interest and enthusiasm that is being manifest by our breeders in so worthy a subject.

Such County Organizations are strongly to be recommended and they are also to be very highly commended for the good work they are doing.

Too much can not be said in favor of organization but its honor and usefulness reaches out and is felt just in proportion to the exertions and support of its members.

We can not afford to rest upon laurels already won or upon achievements already attained. We must keep the spirit of enthusiasm and progress kindled in our breeders. We must keep pace with the advocates of rival dairy breeds in our efforts to disseminate knowledge that will furnish conclusive evidence of the true character and great dairy capabilities of our breed. We must aim to still higher standards of production and individual excellence and continue our campaign of education, which in itself, will be helpful to our breeders and always convincing to the dairy public. We must encourage on every hand a spirit of co-operative effort which can best be affected through organization and conventions where we can meet from time to time for the purpose of an exchange of ideas and the discussion of topics of importance to our breeders.

Organization generates in us a better feeling, a closer relationship, and a just appreciation of the efforts and achievements of our fellow breeders. It makes for strength in times of emergency, and it stands for education, encouragement and progress.

In Wisconsin we have at this time nearly 300 Holstein-Friesian cattle breeders enrolled as members of the Holstein-Friesian Breeders Association of America in fact the largest number of any state in the Union with the single exception of the state of New York. Aside from this we have hundreds and hundreds of others who are owners of our cattle or directly interested in the breed. We are all enlisted under the same banner and in a cause that is common and dear to us all and I want you to stop and consider what it would mean for the Holstein-Friesian cattle interests of Wisconsin and elsewhere if even half of this great body of men were members of our State Organization and all united in a vigorous, harmonious effort to still further advance our common interests. But, I hear some one ask, what is the State Organization doing that is of benefit to our breed and breeders? I would answer this question by asking, what have you as an individual breeder ever done for the State Organization and have you as an individual ever made any suggestions to its officers and offered any support in the adoption of ways and means by which this Organization might become more effective in the advancement of our interests?

I want to say to you, gentlemen, that the power and usefulness of this Organization is just what you as breeders make it. We may select for our officers men ever so talented but to accomplish the greatest results, they must have the support and co-operation of all the breeders. I desire to further remind you that little

can be accomplished without adequate funds for carrying on a campaign of education and persuasion.

I am aware that the Holstein-Friesian cattle breeder is a busy man and that it is very difficult at times for him to leave home, and yet there is no one on earth more deserving and needful of a little recreation and diversion than the man behind the cow. Then why should we hesitate to spend a little of our time each year for a general coming together, a general reunion for the purpose of an open and friendly discussion of matters that are important to us all?

Our older and more experienced breeders may perhaps think they do not feel the need of a breeders organization but they are just the ones by whose long and varied experiences we can profit and to whom our young men and new breeders can look for counsel and surely none of us are so gifted that we can not learn something from the other fellow.

It is generally conceded that the underlying motive of all effort is a desire for gain and financial advancement and yet I wish to remind you that in connection with and back of this great live stock breeding proposition there is a moral obligation, a moral responsibility which we should all consider sacred and which we should all honor with the deepest reverence.

To assist our breeders in meeting this obligation and responsibility is the aim and purpose of this Organization and to emulate by every act and precept the methods of our most successful breeders through whose thought, square and upright dealing and efforts along practical lines we have all profited, is a duty incumbent upon its every member.

It is truthfully said that the Badger State is the "Black and White spot of America." Our standing as a dairy state, the reputation of our herds and the notariety of many of our animals is no longer limited to the borders of this country alone.

Our position as a breeding center for Holstein-Friesian cattle is an enviable one and yet I would direct your attention to the fact that some of our sister states are fast coming to the front and promise to vie with us for a place at the top. But while we can sincerely rejoice in this condition of things, does it not suggest the wisdom of more concerted action and organized effort on our part?

I am satisfied that the influence of this Association can be made much more effective by the adoption of some plan for the dissemination of a class of literature that will be instructive to our breeders and convincing to the prospective dairymen who are less informed. I would therefore recommend and urge the liberal use of printer's ink through the medium of this Association.

We can stand upon our own record and achievement, which if well advertised over a broader field will command the attention and admiration of the dairy public. Now it would seem to me that this suggests a feasible and practical plan for co-operation with our Country Organizations. Our State Organization can be made the hub around which the whole system revolves. It can be made the promoter and the local Organizations the distributers, or in other words it can supply the necessary literature to the Local Organization, which in turn can supply its members and attend to the proper distribution. But as I have said, before we can undertake such a campaign, we must have the moral and financial support and co-operation of the breeders of the state. Such an undertaking which I am sure would prove a worthy one, must be financed and since our only source of revenue is the $2.00 annual membership fee, we could, with an enrolled membership of 50 per cent of the dairymen actively engaged in the breeding of Holstein-Friesians in the state of Wisconsin at the present time, supply ample funds by which this Organization might become a powerful and more useful factor in the promotion of our general interests.

Our whole atmosphere of thrift and prosperity can be traced to organization and co-operation. It finds its origin back twenty years ago when our National Association adopted a broad, open and aggressive policy and a systematic arrangement to set the machinery in the offices of Secretary and Superintendent of Advanced Registry in motion. Our breeders at once began to line up with an enthusiastic, co-operative effort by conducting authentic demonstrations of the milk and butter producing capabilities of our cattle, to which our different Agricultural Experiment Stations lent their co-operation and support.

The data began to accummulate and the foundation was soon built upon which we could make substancial claims as to the great superiority of the Holstein-Friesian as an all round dairy utility animal.

Our Literary Bureau took up this data and begun the dissemination of information which could but appeal to the dairy public as most convincing evidence of the great dairy qualifications of our animals.

The result, my brothern, is written in the history of our progress; it is seen in the impregnable fortification that surrounds our records and our herds; it is seen in the prevailing good prices and the unlimited demand for our cattle; it is felt in the wonderful educational adventages it has extended to our breeders; it is felt in the encouragement and in the schooling for more intelligent methods of feeding and care taking; and it is felt in the very atmosphere that surrounds every Holstein-Friesian home.

As we go through our regular routine of work we perhaps little realize all this but I assure you that organized effort, a co-operative spirit and a generous response on the part of our breeders is responsible for it all.

For sometime I have entertained a doubt in my own mind as to our breed in general at the present time being up to standards of twenty years ago in the matter of size, type and uniformity. If this doubt has any substantial foundation, the condition has been brought about by the "worship of false Gods," and through our zeal to combine great records in the same pedigree, without due regard and consideration of these very important characteristics. And again, I would warn you against the present very foolish color fad and the discrimination against very promising animals because of dark color markings. I would also warn you not to be influenced too far by the cow which, under certain conditions, shows her ability to produce milk excessively high in per cent of butter fat, for, when we stop to consider we will know that this is an unnatural condition, not at all characteristic of the breed and that such freaks and sports can never be relied upon to reproduce their kind.

We find ample justification for this warning from a comparison which shows that, during the past twenty years, in spite of all our efforts in breeding for a higher percentage of butter fat, we have perceptibly increased the average flow of milk with a very slight improvement in quality, but we can not be sure that this condition may not have been brought about by more skilled methods of feeding and caretaking. In either event it shows that characteristics long established are not quickly changed or easily influenced.

In closing I want to say, gentlemen, that twenty years ago when our

National Association opened the throttle that set our machinery in motion, and when the call came for volunteers, our older breeders, as our younger ones have done since, responded with a confidence and a determination to win. The victory is ours but let us guard it by stronger fortifications. Let us guard it with a fortitude characteristic of the great efforts we have put forth. Let us guard it carefully, and when I say carefully, I refer to the word in its broadest sense and meaning. Let us guard it with a zealous, co-operative spirit, and a feeling of the deepest appreciation of the benefits we have all derived. The opportunity and the material is at hand and let us guard it with a feeling of moral responsibility, by every avenue of approach, and by every honorable method that will conduce to still greater results, encourage, stimulate and promote our general interests.

WORLD'S RECORDS

See front cover page. Then there are two other world's records reported from Supt. Gardner's office on the dates of March 6th and March 10th as follows:

Lady Paul Livardy 3d 166035. She made 737.36 lb. fat (world's record) from 20,936.7 lb. milk in 365 days as a junior two-year-old. Sire, King Walker 40358. Dam, Lady Paul Livardy 86235. Bred by J. V. Shugart, Marion, Ind. and owned by J. W. Dimmick, Rifton, N. Y. She displaces Woodcrest Rifton Lassie 116-441, (726.66 fat from 19,560.9 lb. milk.)

Lady Tobe De Kol 149887. She made 29.273 lb. fat (world's record) from 632 lb. milk in 7 days as a senior three-year old. Also in the thirty-day division she made 112.984 lb. fat (world's record) from 2,486.5 lb. milk. Sire, Sir Korndyke Manor De Kol Jr. 2d 52718. Dam, Christmas Tobe 2d 61341. Bred by John H. Phelps, Vernon, N. Y. and owned by John Arfman, Middleton, N. Y. In both the 7-day and 30-day divisions she displaces Glen Canary De Kol 131389, whose record for 7 days is 27.675 lb. fat from 514.5 lb. milk, and whose 30-day record is 111.878 lb. fat from 2,403.8 lb. milk.

The record of Glen Canary De Kol was reported from Supt. Gardner's office but a month ago, Feb. 14th. Her sire is Sir Johanna Canary De Kol 44034. Dam, Glen De Kol Artis 3d 68827. She was bred by G. L. Miller, Northfield, Minn. and owned by E. C. Schroeder, Moorhead, Minn. In the 7-day division she displaced Johanna

ITEMIZED REPORT OF THE LIVERPOOL SALE AND PEDIGREE CO. CONSIGNMENT SALE HELD MARCH 10-11, 1914

CONSIGNED BY RICHARD T. EASTMAN, LITTLETON, N. H.

Korndyke Pontiac Hengerveld Son, male 4 y., R. C. Collins	$500
Cora Hengerveld Korndyke, 1 y., O. A. Thomas, Rutland, Vt.	305
Pauline Alexander Lieuwkje, 7 y., Nelson Farm	310
Daisy Ykema Wayne 2d, 1 y., Loomis Bris., Putney, Vt.	260
Drynoch Easter Korndyke, 1 y., E. W. Brundage, Hop Bottom, Pa.	305
Daisy Pauline Korndyke, 1 y., H. I. Stoddard, Camden, N. Y.	215
Daisy Rag Apple Gladi, 1 y., F. P. Sutliff, Cleveland, O.	145
Duke Pontiac Korndyke Artis Burke, H. C., G. Farrington	375
Total for 8 head	$2,415
Average per head	$302

CONSIGNED BY E. C. BRILL, STEWARTSVILLE, N. J.

Heifer calf, E. A. Powell, Syracuse, N. Y.	$125
Yearling, E. A. Powell	125
Yearling, E. A. Powell	125
Susy Hengereveld Champion D. K., H. C., Leo P. Rausch	350
Sweet Princess Korndyke, 1 y., Lyman Keeler, Danbury, Conn.	165
Wixom Clothilde Pietertje 2d, 7 y., John A. Miller, Nazareth, Pa.	500
Wyanana Pontiac Hengerveld, 3 yrs., M. J. Wyeth, Lowville, N. Y.	460
King Pontiac Hannibal, 1 y., D. E. Carley, Manlius, N. Y.	560
Springdale Ononis Vale, 7 yrs., John A. Miller	1,750
Jaunty Nell 2d, 8 y., W. J. Clark 2d, New Milford, Conn.	800
Queen Jetta D. K., 7 yrs., D. W. Howard, Pulaski, N. Y.	520
Our Favorite D. K., 9 yrs., E. P. Brown, Danvers, Mass.	600
Total for 12 head	6,080
Average per head	507

CONSIGNED BY A. R. OWEN, GOSHEN, N. Y.

Sunhurst Homestead Girl, H. C., Reed & Knowles, Howell, Mich.	$100
Pride of Nescattack, 7 y., M. J. Wyeth	165
Lady Jetta Korndyke Cornucopia, 6 y., R. V. Backus	255
Sir Woodcrest Korndyke Kate D. K. 5th, B. C., Roscoe Lee	830
Daisy Webb D. K., 4 y., Leon More, Lacona, N. Y.	410
Kate Veeman, Pietertje D. K., H. C., V. D. Robinson	155
Pietertje Bess D. K. 3rd, 1 y., Jas. Bellwood, So. Richmond	160
Sir Woodcrest Aaggie Tehee Korndyke, H. C., H. C. Davis	80
Nell D. K. Cornucopia Paul, H. C., Jas. Bellwood	125
Total for 9 head	$2,280
Average per head	$253

CONSIGNED BY D. E. CARLEY, MANLIUS, N. Y.

Watervale Elnora, yearling, W. I. Stoddard	120
Pietertje Salzone D. K., 1 y., Male, W. E. Liverpool, N. Y.	50
Elnora Pauline Johanna, 4 y., O. J. Whitney & Son, Cleveland, O.	220
Salzona D. K. 3d, 2 y., E. W. Slaughter, Srystal Run, N. Y.	235
Regis D. K. Friend 3rd, 4 y., M. J. Wyeth	275
Bull calf, H. C. Davis	65
Total for 6 head	$965
Average per head	$161

CONSIGNED BY LEON MORE, ADAMS, N. Y.

Holland Pontiac Spofford, 2 y., F. P. Sutliff	190
Teresa Pietertje D. K. Cecelia 4th, H. C. Jas. Bellwood	175
Clothilde D. K. Pontiac Korndyke, H. C., Jas. Bellwood	175
Inka D. K. Pontiac Korndyke, yearling, Jas. Bellwood	175
Paula Korndyke, 2 y., Nelson Farm	270
Flema Count D. K., 4 y., E. J. Arnold, Moravia, N. Y.	300
Susie Hengerveld Pietertje 2d, 1 y., O. J. Whitney & Son	330
Woodbine Mary Mansfield, H. C., E. A. Powell	190
Woodbine Molly Johanna, H. C., E. A. Powell	190
Woodbine Terrace Queen, 1 y., O. A. Thomas	170
K. K. H. D. K., Rosaline, 2 y., L. S. Dickinson	400
Leila Tulip Lady Gem Karel Princess, H. C., L. S. Dickinson	400
K. K. H. D. K. Barrington, 2 y., L. S. Dickinson	400
K. K. H. D. K., Imperial, 2 y., L. S. Dickinson	400
K. K. H. D. K., Kartog Pietertje, 1 y. L. S. Dickinson	400
Anastasia D. K. of Wendelblough, 6 y., E. F. Knapp	335
Princess Pontiac Parthenea D. K., 2 y., F. P. Sutliff	515
Total for 17 head	$5,015
Average per head	$295

CONSIGNED BY J. H. D. WHITCOMB, LITTLETON, MASS.

Lady Fancy Posch, 1 y., O. J. Whitney	$180
Lady Johanna Posch, 2 y., O. J. Whitney	155
Jetta D. K. Johanna 3d, H. C., Lee Kinne, Hartwick Seminary	135
Inka Pietertje Pontiac, 2 y., F. P. Sutliff	375
Susy Imperial D. K. 2d, 2 y.	360

Korndyke Aaggie 139481 (27.451 lb. fat from 588.4 lb. milk) and in the 30-day division she displaced Mayflower Lilith Pauline 2d 134003 (102.503 lb. fat from 2,185.6 lb. milk.)

"Herewith find check for $1.00 for renewal of my subscription to the World, which I find very interesting." —George Fowler, Duvall, Wash.

Mexico can hardly say that the United States is not a hospitable country.

The Jersey Bulletin is now trying to make its readers believe that the Holstein-Friesian cow is a very nervous animal. First thing you know that paper will be proclaiming that hell is a cold storage plant. Don't you believe it!

Field Notes

The Western Connecticut Breeders' Consignment Sale Company will hold a public sale of 75 head on May 12th at the New Milford fair grounds.—L. S. & P. Co. Managers—Kelley in the box.

* * *

According to a recent law enacted in Indiana, Act of 1913, Chapter 340, the testing of milk and cream in Indiana creameries, milk factories, shipping stations, ice cream factories, cheese factories and milk condensaries must be done or supervised by lisensed testers. This law takes effect April 1st., 1914.

* * *

The Department of Agriculture announces that hereafter it will announce its bulletins in such a way that the public will know at once whether it is a bulletin designed for popular reading or information designed for professional use, or of service only to a special class of manufacturers, or to a specific geographical section. This should be a gain to the public and a saving to the Department.

* * *

Claytonia Rijaneta Parthenea 2d at the age of 2 years, 6 months and 24 days has just made a record, 244 days after calving, of 14.01 of butter from 389.4 lbs. milk. This record falls in the eight months after division, and is a very credible record. She is owned in the herd of L. A. Wiese, Algoma, Wis., and her sire is Sir Johanna Piebe, herd sire of Hillside Herd, owned by R. J. Schaefer, Appleton, Wis. Sir Johanna Piebe is destined to make a great showing as a sire.

Heifer Calf, H. A. Moyer, Syracuse, N. Y.	210
Favorite Pauline Queen Mary, 3 y., Allen M. Gehman	215
Clara Belle Cornwall, 8 y., F. P. Sutliff	165
Hollis Johanna 3d, 1 y., Clayton Richardson, Canastota, N. Y.	260
Hollis Johanna, 7 y., Chas. K. Record, Petersboro, N. Y.	700
Princess Agnes Mercedes, 6 y., Nelson Farm	280
Heifer Calf, S. R. Clark, Onondaga Valley	200
Maartje Clothilde D. K., 8 y., Allen M. Gehman	210
Zelotta Netherland D. K. 3d, 3 y., W. G. Wyeth	200
Total for 14 head	$3,645
Average per head	$260

CONSIGNED BY N. B. LASHER, FULTONVILLE, N. Y.

Beauty Dretka Pontiac, F. P. Sutliff	$125
Bonny Ormsby Pontiac, F. P. Sutliff	125
Queen Veeman Butter Girl, 2 y., O. J. Whiteney & Son	200
Starin 362,, 9 y., S. R. Clark	175
Irene Edwards, 2 y., F. E. Isham, Rodman, N. Y.	265
Colanthus Segis Korndyke, 1 y., A. H. Wykle, Clyde, N. Y.	265
Heifer calf, H. A. Costello, Syracuse, N. Y.	125
Heifer calf, H. A. Costello	120
Total for 8 head	$1,235
Average per head	$154

CONSIGNED BY N. V. BLANDING, SYRACUSE, N. Y.

K. P. Bellewood Monk, H. C., B. P. Davis, Mexici, N. Y.	$700
Mamie Kuperus, Johanna, 5 y., Hewett & Kenyon, Locke, N. Y.	265
K. P. Mamie, H. C., Hewitt & Kenyon	580
N. 242, W. W. Jones, Dayton, N. Y.	400
Total for 4 head	$1,946
Average per head	$486

CONSIGNED BY STEVENS BROS. CO., LIVERPOOL, N. Y.

Janie Rue D. K., 6 y., J. W. Prentiss, Alstead, N. H.	630
Neta Prilly Pontiac, 3 y., J. W. Prentiss, Alstead ,N. Y.	630
Samantha Prilly Pietertje, 2 y., M. J. Arnold, Venice Center, N. Y.	450
King Segis Pontiac 15th, 1 y., Leo P. Rousch, Marysville, O.	1,000
Lord Pontiac Henegrveld, 1 y., E. W. Brunlage	1,240
Yearling heifer, F. P. Sutliff	225
Ninon Ormsby Mooie, 1 y., E. P. Sutliff	200
Heifer calf, F. P. Sutliff	210
Yearling heifer, F. P. Sutliff	210
Ruby Pietertje Pontiac, 1 y., F. P. Sutliff	210
Rose Terpstra Carlotta 2d, 1 y., F. P. Sutliff	200
Yearlingheifer, F. P. Sutliff	225
Heifer calf, F. P. Sutliff	$200
Pauline Pontiac Gretchen D. K., 2 y., J. H. Erhart	200
Pauline Pontiac Segis, 2 y., F. P. Sutliff	250
Maple Knowl Lily, 4 y., F. C. Berni, Schnectady, N. Y.	380
Bessie Maud D. K. 2d, 7 y., Hewitt & Kenyon	315
Winnie B. 3rd, 11 y., E. W. Brundage	260
Josie Hengerveld, 2 y., F. P. Sutliff	230
Canary Mercedes Nell, 5 y., B. Loveland, Adams, N. Y.	210
Gertrude Jewel Alban, 2 y., R. E. Davis, Mexico, N. Y.	280
Ruth Mercedes Alban, 4 y.	240
Bessie Mercedes Jewel, 8 y., Roscoe Lee,	225
Daisy Delana Jewel 2d, H. C., Jrn H. Ehrhart	190
Ida D. K. Beets, 2 y., O. J. Whitney & Son	250
Sadie D. K. Beets, 4 y., R. E. Davis	375
Susan Hartog Burke and calf, 3 y., Allen Gehman	205
Vetta Count D. K., 4 y., B. Loveland	175
Queen Minnie D. K., 9 y., W. W. Jones	305
Her bull calf, E. W. Brundage	80
Hattie Mercedes Jewel D. K., 6 y., B. Loveland	175
Fanny Xanthine, 9 y., O. J. Whitney & Son	215
Princess Doralice, D. K. 2d, 2 y., C. G. Smith	185
Daisy Delana Jewel, 9 y., V. D. Robinson	210
Bessie Bigelow Yetta, 2 y., B. Loveland	160
Canary Mercedes Combination, 1 y., John H. Ehrhart	175
Total for 36 head	$11,855
Average per head	$329

CONSIGNID BY S. R. CLARK, ONONDAGA VALLEY, N. Y.

Korndyke Beets D. K. Lass, H. C., Jas. Bellwood	$175
Yearling heifer, O. J. Whitney & Son	350
Heifer calf, Roscoe Lee	325
King Pontiac Calypso 4th, 1 y., Patrick Dwyer	225
King Pontiac Salypso Walker, 1 y., Frank M. Brill	360
Total for 5 head	$1,435
Average per head	$287

(Continued on page 336.)

It is estimated that about 85 per cent of the men just graduated from the Short Course in Agriculture at the University of Wisconsin will return to the farms of the state to engage in farming. The successes of former students as dairymen, stock raisers, poultrymen, orchardists, grain growers and market gardners are yearly attracting an increased number to this practical farmers' course. Aside from the knowledge acquired, the course has generally developed in them a greater love for the farm and farm life.

* * *

Mr. Harris, Dept. of Dairy Tests, Wisconsin University, believes that Wisconsin dairymen are making a mistake in allowing large quantities of dried beet pulp to be shipped out of the state to be used in dairy cattle feeding. This by-product is mixed with molasses and grain and fed to cattle on the leading dairy farms of the East, giving the best of results. In experiments carried on at the Wisconsin Experiment Station, F. W. Woll and George C. Humphrey found that dried beet pulp was three-fourths as valuable as wheat bran.

* * *

In this issue is an article concerning the record just made on Addie De Kol Hartog 2d, which completes the fourth set of three generations of 30-lb. cows. This cow is owned by Geo. V. Leighton, Boise City, Idaho, and she is one of 14 head of females purchased from A. A. Hartshorn Holstein Company, Hamilton, N. Y. for a consideration of $9,000.00. At the time of purchase, 9 of the number were under one year old and the other five were yearlings. All are doing fine and developing into great producers.

* * *

At the National Corn and Grain Show just ended at Dallas, Texas, world's championship honors were awarded to Wisconsin buckwheat, soy beans, and six row barley, besides the sweepstakes championship on ten ears of yellow dent corn. Northern zone sweepstakes were won by Wisconsin growers on sheaf barley, sheaf oats, yellow dent corn, winter wheat and flint corn. Other prizes going to badger exhibitors were first, second and fifth premiums on buckwheat; third and fifth on alsike clover, and second, third, fourth and fifth on rye. In the dairy section of the corn show the grand championship on butter was awarded to a Wisconsin exhibitor.

* * *

R. B. Young, Buffalo Center, Iowa, reports a near world's record on Buffalo Aaggie Beets, a heifer bred and raised on the Chicago Stock Farms and started in semi-official test at 3 years, 3 months and 3 days of age. In 365 days she has made a record of 932.44 lbs. butter from 22,485.7 lbs. milk. In butter she is excelled, in the junior two-year-class, only by the heifer, Dutchland Changeling Colantha Lad (945 lb. butter) and by the new world's champion heifer, Briar Pietje Abbekerk (955.4 lb. butter) and in milk production she is excelled only by the heifer, Dutchland Colantha Mona (22,645.6 lb. milk.) The dam of Buffalo Aaggie Beets is Aaggie Johanna Rue, who, as a four-year-old made 945 lb. butter from 20,343 lb. milk in one year.

* * *

The Guernsey cow, May Rilma, owned by E. B. Cassatt, Berwyn, Pa. is still going at a world's record pace, having produced 85 pounds of fat during February, which is the 10th month of her test. Her total fat production for the ten months is 896 pounds. Her owner only figured that she would make 84 pounds during February, so she is doing better than expected. It is necessary for her to make yet 162 lbs. fat to come up to the World's record of 1058. Spotswood Daisy Pearl, the present long distance champion of the Guernsey breed is again near finishing a yearly test and will make about 900 lbs. fat. Her former record was 957.38 lbs. fat from 18,602.8 lbs. milk. It shows good dairy qualities for her to so nearly repeat her former record.

* * *

Lynn Briggs writes that the record reported sometime ago on Korndyke Dill De Kol Jessie (twin), owned by Wm. O'Leary, E. Troy, Wis. should have been 8.137 fat instead of 7.135. This record was made 70 days after calving and was Mr. O'Leary's first test. Mr. Briggs also reports that he is conducting a test for O. H. Erdman, Juneau, Wis. and that Rachel De Kol Piebe, full age, has made 22.9 butter from 505.6 lbs. milk; Duchess Canary Pauline, senior two-year-old, 291 days after calving made 11 lbs. butter from 263.3 lbs. milk; Rachel Tritomia De Kol, junior three, 281 days after calving, made 16 lbs. butter from 346 lbs. milk. Also Mandane Sunnyside De Kol and Rachel Homestead De Kol Piebe have been admitted to the Advanced Registry. This is Mr. Erdman's first A. R. O work.

* * *

In addition to the marked increase in the dairy industry in Wisconsin, a remarkable gain in the value of milch cows per head is to be noted since 1910. On January 1st of that year, according to averages quoted by the Wisconsin Live Stock Breeders' Association, the average value per head was $36.60; for 1913 it was $47.70 and for 1914 it is $59.90. These averages make the total valuation of dairy cows in Wisconsin as follows; January 1st, 1910, $53,912,000; January 1st, 1913, $71,741,000; January 1st, 1914, $92,985,000. The rapid increase in the value per head is due, in part, to a demand for dairy cows that far exceeds the supply, but the most important factor that has enhanced the value of milk cows is the "weeding out" process caused by cow testing associations which get rid of the boarders and account for the greater prevalence of the blood of improved breeds.

* * *

Dudley E. Waters has added to the large herd of Holsteins on his farm in Grand Rapids township one of the purest bred and best pedigreed bulls to be found in the country. The bull was selected for him by Prof. Anderson of the Michigan Agricultural College and has the imposing name of Colantha Sir Korndyke Clothilde. He is three years old, weighs 2,000 pounds and is splendidly marked in the characteristic Holstein way. The bull is from the famous stock farm of D. W. Field of Montello, Mass. His sire is Colantha Johanna Lad, for which Mr. Field paid $8,000, and who is sire of three of the world's champion cows and of sixty-two other cows that have gained advanced registry on official tests.

The bull's mother is Susie De Kol Paul H. who at seven years made a record of 31.44 pounds of butter in a seven day test. The grand dams on either side had records of 30.05 and 35.22 pounds respectively, making the average record of 32.34 pounds. Mr. Waters now has forty-four head in his Holstein herd.

NUGGETS

The whale is a lubbery lubber
Constructed of whate bone and blubber;
He lives under the ocean
Except when a notion
He takes to come up and rubber.

* * * *

Huerta might find consolation in Shakespeare's Richard II. "My large kingdom for a little grave?"

* * * *

"I Can" is a hustler, a man self-made
Who turns off jobs galore;
"I Can't" lights his pipe, sits down in the shade,
And bemoans the fact that he's poor.

The only weekly Holstein-Friesian Journal.
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EASTERN EDITION—Editors: E. M. Hastings and M. S. Prescott, Lacona, New York.

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The date following the address on the wrapper of each paper indicates the time to which subscription is paid, and is to answer the purpose of a receipt.

When a subscriber wishes his subscription discontinued, he should notify his nearest office.

Offices of publication, Hastings Bldg., Lacona, N. Y., and 1025 Sherman Ave., Madison, Wis.

Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.

If photographs are sent, cuts will be charged for at cost price.

All matter for publication in the Western Edition must be received by the Saturday preceding date of issue.

When so desired, advertising copy will be prepared or revised for our customers free of charge.

ADVERTISING RATES

One dollar per inch, each insertion.

On yearly contracts for a given space a discount of 50 per cent will be allowed, the same rate of discount to apply to any larger space that may be required, except for public sale advertising. On yearly contracts for every-other-week advertising, a discount of 35 per cent will be allowed.

Special page rates (applying to other than cover pages, which admit of not less than the regular yearly rate)—

Full page (30 inches) for one year, 52 issues, $650.00

Half page (15 inches) for one year 52 issues, $350.00.

Editorials

Sworn Statement

The publication of the following statement is required by act of August 24, 1912 of the Post Office Department, Washington, D. C.

The Holstein-Friesian World, Western Edition, is edited by Ira S. Brown, Madison, Wis. and Chas. G. Brown, Ithaca, N. Y. and is published by the Holstein-Friesian World Company. The owners are: Ira S. Brown, Madison, Wis., Chas. G. Brown, Ithaca, N. Y., E. M. Hastings, Lacona, N. Y. and M. S. Prescott, Lacona, N Y.

Sworn to and subscribed before me this 7th day of March, 1914.

Joseph N. Berg, Notary Public.

---o---

The Third Consignment Sale of the L. S. & P. Co.

The 3d consignment sale of the Liverpool Sale and Pedigree Company was held at the sale pavilion in Liverpool, N. Y., March 10th and 11th. An itemized report will be found elsewhere in this issue. Kelley, Haeger and Mack were in the box, and 219 head were passed through the ring in record time. The 219 head brought a total of $61,915.00, an average of $283 per head, including many very young animals.

The sale was topped by the 30-lb. cow, Springdale Oononis Vale, consigned by E. C. Brill of Stewartsville, N. J., and purchased by John A. Miller of Nazareth, Pa., at $1750. She appeared a model cow in every particular.

Six other cows passed the thousand dollar mark. Three were consigned by Stevens Bros. Co., two by Murphy & Gillette of Manlius, N. Y., and one by J. W. Prentiss & Son, Astead, N. H. The 30-lb. cow, Janie Rue De Kol was bought by Atcheson & Clark for $1600. King Segis Pontiac 15th, a yearling son of King Segis Pontiac was secured by Geo. P. Rausch of Maysville, Ohio for $1000 even money, and another yearling, son of King of the Pontiacs went to Hop Bottom, Pa., the property of E. W. Brundage, at $1,240. The two cows Piebe De Kol,, Chloe Clay and Maggie Artis Maplecroft Paul 2nd were struck down, the former to E. W. Brundage, at $1,100, the latter to Atchinson & Clark, New Milford, Conn., at $1475. These two sales together with their high average of $665 speaks well for the new firm of Murphy and Gillette, who have been in business but about one year. Keek a weather eye out for Murphy & Gillette. One other cow must also be mentioned. It is Nettie Blanche Mahomet. She is a daughter of Konig Blanche Lyons 2d and was from the consignment of W. J. Prentiss & Son, Alstead, N. H. She went to W. J. & P. Atchison of Boardman, Conn., for $1500.

The high averages were: Murphy & Gillette, $665; E. C. Brill $507, and J. W. Prentiss & Son, $472.

F. P. Sutliff of Cleveland, Ohio, was the heaviest purchaser, taking 33 head. Other heavy purchasers taking 33 head. Other heavy purchasers were James Bellwood of South Richmond, Va., who took 13 head; O. J. Wihtney & Son, Cleveland O., 9 head; E. W. Brundage, Hop Bottom, Pa., 9 head; Nelson Farm, Marshfield Hills, Mass., 4 head; M. J. Wyeth, Lowville, N. Y., 6; Allen M. Gehman, Macungie, Pa., 6; John H. Ehrhart, Glenville, Pa., 6; L. S. Dickinson, Bridgeport, Connecticut, 9; Frank Reed Sanders, Mesa, Arizona, 5. Other buyers and their purchases will be mentioned in the itemized report.

The sale must be pronounced a success in every respect. Notwithstanding the large number of sales being held, there seems to be no let up in the demand for good ones.

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The Sex Problem

Perhaps no broblem in animal breeding has caused more speculation, resulting in more diverse theories regarding its possible control than that of sex. From time to time we read of some new and great discovery by which sex may be controlled, male or female produced at will. Others have commercialized the supposed inherent trait of certain animals to produce offspring of a certain sex. How often do we hear it stated that a certain dam has only heifer calves, or a certain sire gets a large preponderence of heifer calves, as though this was an inherent and transmittable trait!

If anyone of our readers has not read the article on page 262 of our March 7th number by Professor Vaughan in his series on Animal Breeding, entitled "Sex and its Control," we advise such a one to turn back and read it carefully. Prof. Vaughan has treated the problem from the standpoint of scientific investigation. His diagrams make the treatment clearly understandable to the lay reader; and his conclusions that there is absolutely no chance for sex control, and that each sex, by the nature of the case, must in the aggregate be produced in approximately equal numbers, checks up with what we know does occur through the entire animal kingdom.

(Some insects may be sited as an exception to the above statement, as for instance, honey bees. This hymenopter consists of the male drone, the female queen, and the non sexed worker, the two latter being developed indiscriminately from the same larva bv a process of selective nutrition. However, this seems to be a process of *unsexing* by selective nutrition. There is no evidence that the female larva can be converted into a male bee by selective nutrition, or vice versa.)

Great Records at Valley View Farm

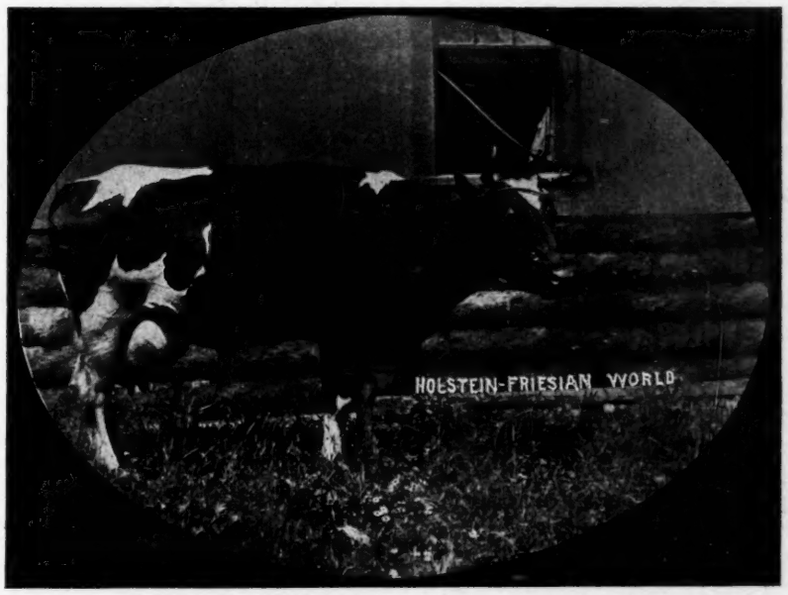
Editor of Holstein-Friesian World:

As two of my cows have just completed their semi-official records, I thought that possibly a brief history of my semi-official work might be of interest to some of your readers.

On May 30th, 1910, my senior four-year-old, Vale De Kol Elliston, freshened and she had done remarkably well the year before. I decided to run her on a semi-official test for a year. To my great surprise she did even better work than she had done the year previous, and won the world's milk and butter records by giving 24,-191.9 lbs. of milk showing 1040.41 lbs. of butter. She also won the world's seven day record, made eight months from calving, by giving 450.7 lbs. of milk showing 20.3 lbs. of butter. Although those records were completed in June 1911 they have not yet been surpassed.

As I was running Vale De Kol Elliston on a semi-official test I decided to run Triple Koningen 3rd also, although she was 8 years and 11 months old, when she started her year. She made 870.2 lbs. of butter from 16,381.6 lbs. of milk, which entitled her to a place among the first twenty-five cows of the breed. This completed my semi-official work for the first year; but as I had been so succeessful I decided to run Sadie Vale Pietertje, a three-fourths sister of Vale De Kol Elliston. Sadie Vale Pietertje had already made a record of 16.13 lbs. of butter and 375.4 lbs. of milk, eight months after calving, as a senior 4 year old, so I expected her to do well in the semi-official division of the full age class. Her record surpassed all my expectations as she gave 21,446.8 lbs. of milk, showing 1050.69 lbs. of butter. She now stands about sixteenth among the cows of the breed.

This past year I have again been engaged in making semi-official yearly records. My first heifer to finish her record was Briar Pietje Abbekerk. She has just broken the World's junior 3-year old record by making 955.57 lbs of butter from 21,628 lbs. of milk. Crown Pontiac Josey has also just completed her record for a year. She has just given 28,750.7 lbs. of milk showing 228. lbs of butter. In her eight months after calving test Briar Pietje Abbekerk gave 400 lbs. of milk showing 18.31 lbs. of butter, thus making her the second heifer in the Eight Months division of the junior 3-year class. Crown Pontiac Josey made 22.29 lbs. of butter and gave 51.56 lbs. of milk in her "Eight Months" test, so that she stands fifth in the full age class.



CROWN PONTIAC JOSEY

Milk 28,750 lbs., butter 1228 lbs. in 365 days. Owned by A. A. Knapp, Preble N. Y.

I have at present only one cow on semi-official test. She is a half-sister of the Champion Senior four year old for 365 days, Vale De Kol Elliston, and is therefore an aunt of my present herd sire, King Vale Segis. The official report for Elliston Pietertje 2nd, until February 1, 1914, shows that for the first 216 days of her test she has made 653.3 lbs. of butter and has given 15,317.7 lbs. of milk. She is at present on an "Eight Months" after calving test and has made 23.39 lbs. of butter and given 516.9 lbs. of milk in 7 days.

Of the five cows which have completed semi-official yearly records in my herd; two hold the world's championships in their respective classes; two others have made over 1,000 lbs. of butter in the year and an eight-year-old cow holds a place among the first twenty-five cows of her class. A sixth cow is now on test and promises to be well towards the top of the list when her record is completed.

On the whole I consider this an excellent showing for a herd which seldom has over forty females. Of the number twenty are young stock and dry cows.

Wishing the Editors of the Holstein-Friesian World the best success. I am,

Yours truly,
A. A. Knapp,
Preble, N. Y.

DOCUMENTS WANTED

Geo. E. Stevenson writes:

"I am in search of all the published documents I can obtain upon the two following subjects:

1. The actual experiments and results in the use of the tuberculin test in eradicating tuberculosis.
2. The experiments and results of the use of pastuerized milk in the rearing of calves and feeding of infants.

I shall appreciate any information along these lines that your subscribers can furnish me."

Yours truly,
Geo. E. Stevenson,
Waverly, Pa.

A BOOSTER

Mr. I. S. Brown:—

Just made a sale of Holstein-Friesian Bull, and at the same time got the party to join our Richland County Holstein Association. Also showed him a copy of the H.-F. World and convinced him he *could not* raise Holstein-Friesians without your paper, and enclosed my check, for which you will please send the world to—H. E. Wheeler, Richland Center, Wis.

A. H. Button, Lone Rock, Wis.

"Please find enclosed $1.00 for the renewal of my subscription as your paper aught to be in every breeder's home as a help and a guide to better paper ought to be in every breeder's du Lac, Wis.

Studies in Animal Breeding IV.

By Prof. Vaughan.

DAM AND EMBRYO

What is the relation of the dam to the devolping embryo? This question may be answered in few words. After the ovum is fertilized it becomes embedded in the lining of the uterus or womb. The membrane lining of the uterus is supplied with blood vessels and the blood of the mother brings oxygen and food material to the embryo and carries off the carbon dioxide and waste material. The quantity of yolk contained in the ovum is sufficient to provide nourishment until the embryo has established itself in the lining of the uterus.

The dam provides the developing embryo with nourishment, warmth and protection. Altho the blood of the mother brings food material to the embryo, the blood does not enter the embryo. One of the first steps in the growth of the embryo is the development of a blood stream. The embryo is enclosed in sacs or membranes thru which the blood of the dam does not pass. Instead, the mother's blood bathes the outside of these membranes while the blood of the embryo comes to the inside. Thus the blood of the dam is separated from the blood of the embryo by a membrane thru which food material passes inward to the embryo and waste passes outward. There is thus no exchange of blood between mother and embryo. The force or phenomenon called osmosis or the equalizing of liquids is the means by which the ebryo is nourished from the mother's blood. The relation of the dam to her unborn young is much the same as the relation of the soil to the growing crop.

It is sometimes thought that animals inherit more qualities from their dams than from their sires because of some supposed opportunity for the dam to influence the inheritance during the period of pregnancy. There is, however, no possible means by which the dam may impart her likeness to the embryo during pregnancy. Her chance to do this ended at the moment her ovum was fertilized by the spermatozoon from the male. One thing she may do, however, she may nourish the embryo well or she may nourish it very poorly. In this way she may produce a strong vigorous offspring or a weakly one. But she can not change or alter the inheritance during the period of pregnancy.

Breeders should see to it that the pregnant female is well fed during the gestation period. It must be remembered that the dam requires enough feed to provide for her own bodily needs and at the same time build up the unborn animal. She should also be in a high state of health, hence should have plenty of fresh air, exercise, good water and the best of care. If the dam is fat it is not always true that the embryo is being well nourished. Fat is not always a sign of health. Very fat cows and mares sometimes give birth to very small, scrawny offspring.

The strength and vigor of offspring is also largely determined by the health, strength and vigor of the parents at the time of mating. Weak parents produce weak germ cells and weak germ cells result in weak offspring. However, the reader should not interpret this to mean that a weak parent has less hereditary influence upon the offspring than a strong, vigorous parent. A weak parent has an equal chance to transmit its characters to offspring.

Some persons firmly believe in what is called "mother-marking," or the power of the dam's mental impressions to affect the developing embryo. There is positively no path by which the mental impressions of the mother may reach the embry. Yet today, in hundreds of instances mares are no sooner bred than they are wheeled about in order that they may get a good look at the stallion in the hope that the mental picture may in some way affect the development of the foal.

Building and fences have been painted the color desired in calves, and in many instances striking or unusual characters in both men and animals have been explained on the basis of some mental impression supposed to have been made upon the mother during pregnancy. Some of these explanations have been ingenious and have been rather generally accepted in the communities where the unusual results occurred.

Every case of mother-marking which has been investigated has admitted of just as satisfactory an explanation on grounds strictly in keeping with the facts of embryology. It is true that extreme fright may affect the nutrition of the embryo for a time, and even at certain stages of pregnancy result in abortion, but the assumption that color of hair, shape of head, or any other character is dependent upon mental impression seems absolutely beyond the range of possibility.

Another equally valuable theory claims that when once a female has borne offspring to the service of a male, all her subsequent offspring will be affected by the first mating or matings. Dog fanciers seem to have been most strongly convinced that this is true. If a valuable bitch chanced to get in whelp to a cur dog, her value as a breeder was thought to be destroyed for all time, because a supposed taint from the cur litter affected later litters sired by dogs of her own breed. It was supposed that she could never again produce strictly purebred pppies, no matter how mated.

As a matter of fact, a bitch bred to a cur dog is no more injured for future breeding purposes than an incubator used for eggs from grade or common poultry is rendered useless for hatching eggs from purebred fowls. The dam of Star Pointer 1:59¼ produced to mule colts before she foaled the famous pacer. Most dog breeders now believe this theory to be of the quack order and no longer destroy bitches which accidendentally produce a litter by a cur dog.

NOTE.—We are able to present this very valuable series of articles to our readers by permission of the Editors of *The Ohio Farmer*, in which paper it first appeared.

"BAD AIR" DISEASES INCREASING IN COUNTRY

Despite the fact that conditions in the country should be ideal for the most healthful existence, "bad air" diseases such as tuberculosis, pneumonia, bronchitis, and influenza are more common in the rural districts than in the cities. This is the belief expressed at one of the meetings of the Farmers' Course by L. M. Schnidler, who has made a careful study of ventilation methods followed by rural and urban carpenters and contractors in the building of residences.

He accounts for the increase in these diseases by a general decrease in the efficiency of ventilation. In their effort to produce warm houses, architects have tried to make them as air tight as possible. In this way much of the fresh air supply which

formerly leaked in through the walls of looser construction has been cut off and poorer ventilation has resulted. Heating engineers, too, in their efforts to produce the most efficient and economical heating systems have often accomplished their ends at the expense of ventilation. Formerly the old stove and fire place caused a considerable inflow of fresh air from the outside, and these methods of heating are still superior to the so-called direct heating systems which provide for no special ventilation.

SIR KORNDYKE HENGERVELD CANARY

The herd bull of the State Agricultural College, Fort Collins, Colorado, is Sir Korndyke Hengerveld Canary, No. 53825. He is a grandson of Hengerveld De Kol, and is half-brother to a bull that sold to one of the prominent eastern herds a little over a year ago for $7,500. He has another half-brother that sold for $7,000.

As a sire he is proving equal to his breeding, as from his first four daughters in milk one has just completed a yearly record as a three-year-old of 446.5 pounds of butter in 351 days. Another three-year-old daughter, now on yearly test, has made 386 pounds of butter in 275 days. We showed only four of his get at the 1914 Western Show, winning first and second in the yearling heifer class, first and second in the bull calf class, junior champion bull and reserve grand champion bull sire, which is a record rather remarkable for a young sire.

The cows in the herd are chiefly descendants of two cows purchased at the St. Louis World's Fair in 1904. One of these, Jolie Johanna, No. 36,-779, was sweepstakes cow at St. Louis and has a record of over 26 pounds of butter produced in a week. The blood lines of Sarcastic Lad, grand champion bull at the same show, and the blood of Lakeside Missouri Chief, reserve champion, also contribute to the value of the herd.

E. M. Starckweather of Noethville, Mich., sends $3.00 to renew his subscription to the Holstein-Friesian World and writes: "I have noted with pleasure the growth of your paper and would not be without it. I must say that I especially enjoy the illustrated articles and look forward with pleasure each week to the arrival of the World."

OFFICIAL RECORDS IN MICHIGAN

Extract from address of H. W. Norton, Jr., at the annual meeting of the Michigan Association at East Lansing, Jan. 14, 1914.

A brief survey of the official record work in Michigan shows that at the close of 1912, the seven-day record was held in this state by Flossy Grant of Pleasant View, owned by George H. Gillespie of Mason, with the large record of 32.945 lbs. of butter. This record was broken in December and the year 1913 closed with a new state champion, Pontiac De Nijlander, owned by Cole Brothers of Ypsilanti, with a record of 35.40 lbs. butter in seven days. It has been less than three years since the 30-lb. mark was first reached in Michigan, but since that time at least fourteen 30-lb. records have been made.

Among the world's record-producing animals of recent years, Michigan may claim her share of honor. Valdessa Scott 2nd, until recently champion butter cow of the world in the seven-day division, was bred by Mr. B. B. Hardy of Owosso. Banostine Belle De Kol, champion long-distance cow of the world, while a resident of Ohio, is owned by the firm of Dan Dimmick & Bro. of Kalamazoo. Johanna Korndyke Aaggie, with the world's record for seven days in the senior three-year-old class, was bred by Mr. Frank R. Crandall, of Howell. Pontiac Clothilde De Kol 2nd, the first 37-lb. cow and the first cow to produce 1,000 lbs. of butter fat in one year, was Michigan-bred, as was also her sister, Pontiac Pet. Hengerveld De Kol was for many years owned in the Eastern Michigan Asylum herd at Pontiac and sired many of his daughters there. Pontiac Korndyke, sire of world's record cows and also sire of King of the Pontiacs, who produced the recent marvel of official testing, the 44 lb. cow, was owned at Pontiac at the same time and shared honors with Hengerveld De Kol. These are but a few of the many instances that could be cited of Michigan-bred animals producing great records in other states, which proves that we must do more testing and developing of our cows if we would make the records. We have the cows here that can do it if they are given the opportunity. What we need most is a little more experience.

A question might arise at this point as to whether the marked improvement shown in the leading records is general in the great bulk of records throughout the state or confined to a few high-producing animals. The records on file in the office of the Dairy Husbandry Department of the College show the following averages for Michigan cows of various ages for the years given below:

Average Records—Full Aged Cows. Butter in Seven Days

1908-09, 102 cows averaged 19.14 lbs.
1910-11, 236 cows averaged 20.03 lbs.
1912-13, 278 cows averaged 20.93 lbs.

Average Records—Four-Year Olds. Butter in Seven Days

1908-09, 65 cows averaged 17.64 lbs.
1910-11, 116 cows averaged 18.64 lbs.
1912-13, 196 cows averaged 19.60 lbs.

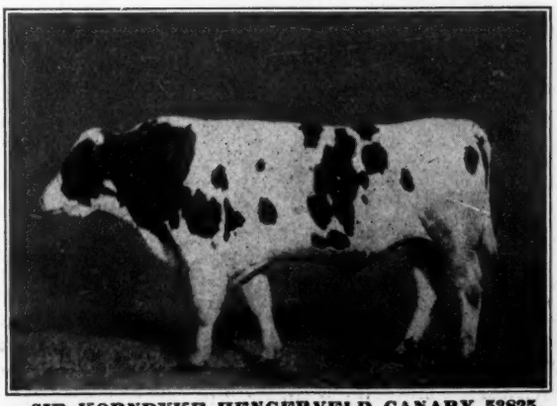
Average Records—Three-Year Olds. Butter in Seven Days

1908-09, 96 cows averaged 15.74 lbs.
1910-11, 148 cows averaged 17.88 lbs.
1912-13, 218 cows averaged 17.33 lbs.

Average Records—Two-Year Olds. Butter in Seven Days

1908-09, 151 cows averaged 12.63 lbs.
1910-11, 357 cows averaged 13.60 lbs.
1912-13, 412 cows averaged 14.42 lbs.

Thus we find that the general average production of each of the various age classes has shown a gradual increase from year to year with but one exception in the three-year class and the steady upward trend of the figures should encourage us to greater efforts in the future.



SIR KORNDYKE HENGERVELD CANARY 53825
Herd sire at the Colorado Agricultural College, Fort Collins, Colo.

In the semi-official work there lies a great opportunity. These records of long-distance performance give the best possible index to the true value of an animal and they are sure to play a more prominent part in the next few years than the short-time tests do today. The seven and thirty-day tests are valuable and have brought about great improvement and development of the breed and should be continued, but the semi-official yearly tests should be taken up as rapidly as possible. Comparatively little testing for yearly records has been done up to the present time and this opens up a great field for those who have hesitated to start in seven-day work because of lack of experience. The increased production resulting from more liberal feeding and better care while testing for yearly records will more than repay the added expense. Better results would naturally be secured than under ordinary herd conditions. The actual cost of carrying on the test will be an excellent investment, as in no other way can we so materially increase the value of our cows as by giving them good records for yearly production. Jersey and Guernsey breeders have been doing yearly record work for many years, while Holstein breeders have only recently taken up this form of testing extensively. But results already attained show that, as in other lines, Holsteins are superior to all other breeds.

In the struggle for records we must not overlook individual excellence and breed type, since form should always be considered of as much importance as function in breeding operations and a combination of the two should serve as our ideal type. Nor should we lose sight of either in pursuit of color fads. Color should be a point of minor consideration and continued selection along color lines would be ruinous to any breed. While fashion calls now for light colors in Holsteins, most of the recent high-record cows have been more black than white. In the future the first cow to produce 50 pounds of butter in 7 days or 1500 pounds in 365 days may be nearly all white or nearly all black, it matters little which, but she must be Black and White, and who knows but that she may be a Michigan cow. The first 44 lb. butter cow and the first cow to produce 1000 lbs. of butter fat in one year were both Michigan-bred though not developed there: In the future let us hope that many such cows may not only be bred but also developed within the border of this state.

ITEMIZED REPORT OF THE LIVERPOOL SALE AND PEDIGREE CO. CONSIGNMENT SALE HELD MARCH 10-11, 1914.

(Continued from page 329.)

CONSIGNED BY MURPHY & GILLETTE, MANLIUS, N. Y.

Maggie Artis Maplecroft Paul 2d, 6 y., Atchison & Clark	$1,475
I Did It, Heifer calf, H. A. Moyer	410
Piebe D. K. Chloe Clay, 7 y., E. W. Brundage	1,110
Gem Beets Pietertje, 2 y., M. J. Wyeth	205
Lady Dennison D. K., 2y., W. J. Wyeth	405
Miniel 4th, 3 y., John A. Millerm	390
Total for 6 head	$3,995
Average per head	$665

CONSIGNED BY DAVIS & FISH, MEXICO, N. Y.

Lotta Von Etten, 2d's D. K., 11 y., Francis M. Jones	$355

CONSIGNED BY R. E. DAVIS, MEXICO, N. Y.

Abbekerk Lotta 2d, 6 y., Hutchins Bros., Depeyster, N. Y.	$230
Clycola Shadeland, 6 y., Hewitt & Kenyon	405
Clycola Shadeland Pauline, 2 y., E. W. Brundage	450
Yearling bull, Frank Reed Sanders, Mesa, Arizona	80
Netherland Shadeland 4th D. K., 5 y., E. W. Brundage	555
Bull calf, R. C. Reed, Howell, Mich.	210
Clover Hill Netherland, 7 y., E. W. Brundage	620
Clover Hill Netherland Pauline, 2 y., Nelson Farm	620
Jericho Pauline Bloom, 7 y., W. H. Mace, Cortland, N. Y.	580
Total for 9 head	$3,750
Avearge per head	$417

CONSIGNED BY H. A. FISH, NEW HAVEN, N. Y.

Ada Wayne Burke, D. K. 2d, 4 y., Jas. Bellwood	$200
Fairhome Sprig Netherland, 1 y., Jas. Bellwood	180
Fairhome Lotta, 1 y., E. W. Brundage	215
Lady Pietertje Concordia, 3 y., Jas. Bellwood	235
Total for 4 head	$830
Average per head	$207

CONSIGNED BY PATTERSON BROS., WELLSBORO, PA.

Beryl D. K. Pontiac, 7 y., R. E. Davis	$270
Johanna Maid Irene, 4 y., F. P. Sutliff	165
Bessie Veeman D. K., 6 y., H. C. Davis	305
Japonica Clintonia 3d Lady, 4 y., Pardee Bros., Cicero, N. Y.	150
Jennie Rose of Claymore, 1 y., F. P. Sutliff	145
Maud Diverdale Pet, 1 y., Jas. Bellwood	190
Mary Countess Hamilton, 1 y., O. A. Thomas	140
Ethel Pauline Lass, 6 y., Pardee Bros.	235
Two-year-old heifer, F. E. Isham	185
Yearling heifer, F. P. Sutliff	115
Beauty Mechthilde Korndyke, 1 y., O. A. Thomas	165
Hannah D. K. Pietertje 3d, 1 y., Roscoe Lee	115
Two-year-old heifer, Jas. Bellwood	195
Rosena Burke Frazier, 3 y., Frank Hutchins	195
Bonnie Korndyke Manor, 1 y., N. G. Arnold	140
Sir Korndyke Manor D. K. 2d, 3 y., J. H. Schwaiger, Clinton	150
King Segis Pontiac 10th, 4 y., Frank Reed Sanders	145
Sold for 17 head	$3,005
Average per head	$176

CONSIGNED BY J. W. PRENTISS & SON, ALSTEAD, N. H.

Mercedes Johanna Segis, 2 y., Loomis Bros.	$375
Weetamoo Model Lass Segis, H. C., O. A. Thomas	175
Duchess Aaggie Lincoln 3d, 2 y., Allen M. Gehman	205
Fairview Rag Apple Korndyke, 6 y., B. P. Davis	400
Countess Pontiac D. K., 1 y., E. W. Slaughter	320
Eloine D. K. Maid, 5 y., H. C. Davis	400
Nettie Blanche ahomet, 7 y., Wm. J. & P. Atchison, Boardman	1,500
Marlemont Nettie Lyons Beets, 3 y., Leon More	875
Maplemont Hengerveld Beets, 2 y., E. W. Brundage	600
Fairmont Calamity Spofford, 4 y., Nelson Farm	120
Thyrsa Johanna Segis, H. C., Loomis Bros.	225
Total for 11 head	$5,195
Average per head	$472

CONSIGNED BY HAROLD THOMPSON, MIDDLETOWN, N. Y.

Aaggie Cornucopia iPetje Fidgara, 1 y., Clayton Richardson	$135
Zeroda Pietertje D. K., 2 y., I. Glen Peck	175
Pietertje Korndyke Hengerveld, H. C., H. C. Davis	75
Rennie Hengerveld Pietertje, 2 y., Jas. Bellwood	200
Daisy D. K. of Wallkill, H. C., H. I. Stoddard	120
Mercedes Cornucopia Jamaica Girl, H. C., John H. Ehrhart	105
Lieuwkje, Korndyke Aaggie Lass, 2 y., Frank Reed Sanders	225
Aaggie Fairmont Cornucopia, 2 y., F. L. Schwarz	180
Ella Cornucopia Mercedes, H. C., Frank Reed Sanders	135

NEW ADVERTISEMENTS

Wanted—Position by competent, married herdsman. See Want Ad. Column.

Wanted—To exchange Apollo Piano Player for bull Calf. See Want Ad. Column.

Wanted—Show animals, also 20 registered heifers. See Want Ad. Column.

John C. Sharpe — Consignment to Breeders Consignment Sale, Mar. 25-26, Syracuse, N. Y.

C. E. Chase—Yearling bull. Dam just made 28.97. Sire Prince of Wayne Korndyke.

Davisdale Herd—Bull calf $500. See pedigree in ad.

A. A. Knapp—"Another World's Yearly Record."

Maplehurst Farms—A great bred calf consigned to Madison-Chenango Co. Sale.

Jay W. Lee—Bull calf from 30-lb. sire and 20-lb. dam to be tested again.

Richard T. Eastman—Notice No. 1.

Richard T. Eastman—Notice No. 2.

Quentin McAdam—"35-lb. bull."

Holstein-Friesian Association — "Holstein Cows' Milk the Logical Substitute for Mother's Milk."

Bonalevo Farms—35 head of Illinois Sale. Write I. J. Case, Alta, Ill., for catalog.

A. A. Hartshorn Co.—"A bull given away, whose nearest dams average 30 lbs."

Maple Lane Holsteins—For sale 10 cows, 9 heifers and 3 young bulls.

Public Sale—1914 Sale, May 13-14. Still room for a few entries of the right sort.

Public Sale—Wm Bakodys Dispersion, April 27, Youngstown, Ohio.

Public Sale—Madison-Chenango Holstein Club Sale, May 7-8, Earlville, N. Y.

Public Sale—Beard's 2d Annual Sale, April 16, Cortland, N. Y.

Public Sale—5th Annual Quality Sale, Peoria, Ill. April 14-15.

Public Sale—New York State Breeders' Sale, May 5-6, 1914.

Public Sale—Lee's Annual Spring Sale, March 27, Cazenovia, N. Y.

Public Sale—Combination and Dispersion Sale, March 31, Median, Ohio.

Public Sale—John B. Kagey Dispersion, 50 head, April 2, Baltic, Ohio.

Maplecrest Farms—Four nearest dams of the herd sire average 32 lbs.

R. D. Reynolds—"Son of the $15,000 Bull." See Lacona Breeders' Column.

F. C. & K. A. Overton—See ad. for great records of Sir Segis Korndyke Walker's daughters. Sons of his for sale.

N. V. Lasher—Pasture for yearlings with service to son of Pontiac Korndyke.

F. W. Simonds & Son—'A. R. O. Bull Calves."

Grahamholm Herd—A fine son of Aggie Cornucopia Johanna Lad Jr. for sale.

John J. Walrath—"Central N. Y. State Farm for Sale." $50 per acre, easy terms.

Dr. E. E. Reed—"Only two left." Bull of fancy breeding. Look up ad. and write now.

F. S. Smith—For sale 15 or 20 grade heifers fresh and due this spring.

H. C. Stanton—Bull calf, fine A. R. O. backing at a bargain.

R. E. Davis—19-lb. 8 yr old cow due in Apr. by son of Pontiac Korndyke.

HOLSTEIN-FRIESIAN TESTS IN PROGRESS IN ILLINOIS

The following supervisors are conducting official tests of Holstein-Friesian cows for the breeders named:

SUPERVISORS AND OWNERS.

J. J. Ausen—F. W. Hopp, Elgin.

G. W. Beardsley—Z. P. Forman, Beaucoup.

Edwin Behling—O. W. Wolfe, Winslow.

M. R. Carlson—Peter Hoy, Lombard.

C. G. Cox—Buffalo Creek Farm, Arlington Heights.

Daisy Cornucopia Mercedes, H. C., John H. Ehrhart	105
Total for 10 head	$1,455
Average per head	$145

CONSIGNED BY J. H. STEEN, KYSERIKE, ,N. Y.

Woodcrest Pietje Princess, 6 y., W. G. Rogers	$450
Maplemont Pauline, 5 y., C. G. Smith	170
Andriaantha D. K. 2d, 5 y., F. L. Schwarz	170
Ernestina Maid of Honor 2d, 4 y., Allen Gehman	205
Earnestina Artis Korndyke, H. C., W. J. Snyder, Lacona, N. Y.	135
Polly Aaggie Queen, 9 y., E. W. Brundage	790
Countess Sarcastic Sullivan 2d, 5 y., Nelson Farm	430
Sir Artis Korndyke 2d, B. C., E. A. Powell	105
Pauline Walker, H. C., C. F. Hunt, Oran N. Y.	190
Pauline D. K. Lenox, 3 y., F. P. Sutliff	200
Total for 10 head	$2,880
Average per head	$288

CONSIGNED BY FRANK C. BEMING, SCHENECTADY, N. Y.

Helena Wietske Kimberlin, 2 y., Jas. Bellwood	$165
Bonny Myrtle Clothilde, 8 y., Allen Gehman	205
Netherland D. K. Beauty 2nd, 8 y., O. J. Whitney & Son	165
Nelly D. K. Pauline, 9 y., Jas. Male, Solvay, N. Y.	115
Mutual Korndyke D. K., 6 y., Frank Reed Sanders	120
Beulah De Witt Maid 2d, H. C., L. F. Dickinson	140
Anna Korndyke Veeman, H. C., L. S. Dickinson	140
Blossom Hartog D. K. 2d, H. C., L. S. Dickinson	140
Georgetta Wayne Veeman, H. C., L. S. Dickinson	140
Sally Inka Veeman, H. C., L. S. Dickinson	140
Total for 10 head	$1,470
Average per head	$147

CONSIGNED BY MACE & LEACH, CORTLAND, N. Y.

Heifer calf, Jas. Miller	$600
Mollie Spofford D. K., 7 y., H. A. Fish	270
Heifer calf, M. J. Wyeth	80
Williams Farm Maida, 4 y., H. A. Fish	270
Calf, C. H. Fiske, Syracuse, N. Y.	65
Heifer calf, H. L. Stoddard	135
Heifer calf, F. P. Sutliff	65
Jula Aegis Pietje, H. C., E. A. Powell	135
Margaret Netherland Pietje, H. C., E. A. Powell	135
Parthenea D. K. Piebe 2d, H. C., E. A. Powell	110
Nella Hengerveld Pietje, H. C., E. A. Powell	135
Total for 12 head	$2,110
Average per head	$176

Grand Total for 219 head	$61,915
Average per head	$283

Official Records of Holstein Cows

267 COWS. JANUARY 24—30, 1914.

NAME OF COW AND OWNER.	Milk, lbs.	Average per cent. fat.	Butter fat, lbs.
FULL AGED CLASS			
Buffalo Maid 100205, E. C. Schroeder (60-day record)	5039.9	3.59	180.755
Sallie Clothilde 3rd 106749, O. U. Kellogg	523.1	4.52	23.667
Thirty-day record	2066.8	4.21	86.973
Marydale Netherland Aaggie 112028, C. E. Chase	575.0	4.03	23.174
Brookside Pontiac Veeman 114094, W. J. Clark 2nd	554.9	4.15	23.035
Baroness Mona Pauline 2nd 114513, G. A. Abbott	455.6	4.82	21.954
Lilith Piebe De Kol 93710, Emblagaard Dairy	565.3	3.87	21.877
Queen Schillard 93154, David Roberts	507.9	4.28	21.743
Gladys Homestead De Kol 101725, C. S. Zelic	522.5	4.06	21.220
Theuna of Long Meadows 108148, R. E. Davis	596.6	3.55	21.150
Winnie De Kol Pietertje 2nd 78347, C. E. Chase	519.7	4.07	21.147
Pietertje Belle Pauline 79540, Bert Stutsman	587.6	2.50	20.549
Twenty-one day record	1643.5	3.61	59.322
Clover Hill Netherland 98114, R. E. Davis	537.9	3.76	20.220
Katie Barber 101842, G. A. Abbott	549.8	3.67	20.179
Thirty-day record	2345.1	3.58	83.883
Aaggie Cornucopia Pietertje Pauline 116310, F. S. Stimson	674.6	2.98	20.087
Peeress Hengerveld De Kol 113308, William Bridge	528.0	3.79	20.024
Pauline Drosky De Kol Paul 59496, J A. Leach	608.3	3.23	19.663
Sleepy Pontiac 100710, G. A. Abbott	537.2	3.65	19.596
Brookdale Korndyke Belle 111153, F. S. Stimson	464.7	4.11	19.103
Beauty De Kol Patje 89175, H. Perkins & Co	574.9	3.31	19.039
Thirty-day record	2276.4	3.36	76.566

Earl Garver—Hawthorne Farm Co., Barrington.

C. F. Goodman—F. J. Karlen, Winslow.

J. C. Howser—E. V. Maltby, Mokena.

Chris Jensen—H. S. Hart, Barrington.

Garfield Jones—A. J. Daugherity, Streator.

H. C. Lawson—R. E. Haeger, Algonquin.

I. Paley—Geo. E. Van Hagen, Barrington.

C. B. Price—Uuniversity of Illinois, Urbana.

V. E. Spencer—University of Illinois, Urbana.

W. T. CRANDALL,
In Charge of Official Tests.

HOLSTEIN-FRIESIAN TESTS IN PROGRESS IN WISCONSIN

The following is a list of supervisors engaged in conducting official tests of Holstein cows for Wisconsin breeders:

SUPERVISORS AND OWNERS.

E. F. Ahlers—Dr. H. B. Favill, Lake Mills.

Walter Axley—S. A. Baird & Son, Waukesha.

F. G. Backus—F. J. Bristol & Sons Co., Oakfield.

S. C. Bathum—Nathan Dickinson, Lake Geneva.

Earl Bemis—Edgewood Farm, Burlington.

J. H. Clark—Dr. W. F. Malone, Oakwood.

Joe Cramer—Lindauer Stock Farm, Little Rapids.

Geo. J. Eisenbeiss—H. F. Weaver, Elkhorn.

H. L. Ellis—Connell Bros., Colgate.

Horace Fuller—Pabst Farm, Oconomowoc.

Warren Hoover—H. H. Bridge, Lake Mills.

J. F. LeJeune—Imig Bros., Neillsville.

A. K. Luebke—Kirkpatrick Bros., Lime Ridge.

W. E. Meyer—D. C. Peake, Spring Valley.

L. F. Murphy—Cook Bros., Burlington.

W. G. Northey—Herbert D. Crumb, Harvard, Ill.

O. A. Olson—Jos. P. Roeckel, Lark.

Clarence Onsrud—E. Garfield Mucklestone, Waukesha.

A. P. Plummer—Griem & Hipke, New Holstein.

Sidney R. Randall—Frank T. Holt, Pleasant Prairie.

Arthur L. Rasche—Ben F. Berg, Lake Mills.

Coloma Canary 2nd Lass 119393, Helen S. Norton	59.5	3.91	17.966
Sallie Cornucopia 125928, Paul H. Stevens	512.4	3.48	17.822
Aaggie Grace Bess Imperial 97116, Mt. Hermon Boys' School	457.3	3.88	17.761
Fourteen-day record	890.5	3.90	34.772
Previous 2nd Pontiac 113935, Fred A. Blewer	497.7	3.57	17.745
Thirty-day record	2100.0	3.54	74.317
Pauline Aaggie Grace 97472, S. H. Bird	417.4	4.12	17.209
Lilith De Kol Goudgeld 125450, W. E. Lamb	485.0	3.52	17.116
Jennie Beryl De Kol 93707, W. E. Lamb	473.3	3.60	17.085
Lady Mondamin Wayne De Kol 125910, N. W. Salmon	258.6	6.60	17.066
Manor Belle Witkop Wayne 100677, W. H. Grenell	516.7	3.29	16.980
Easle Johanna De Kol 61166, E. C. Schroeder	428.2	3.95	16.980
Lotta Von Etten 2nds De Kol 66495, R. E. Davis	483.5	3.48	16.847
Rizpah Queen 2d 117938, Eben Richards	417.8	4.03	16.827
Thirty-day record	1819.7	3.57	65.122
Josephine Korndyke of Forest View 105584, R. M. Thompson	544.2	3.09	16.809
Clothilde Peep Pride 92692, William A. Hoover	486.4	3.45	16.777
Fourteen-day record	902.9	3.61	32.557
Shadeland Korndyke 89435, Ed. H. Marshall	506.2	3.31	16.740
Lakeside Model Pet 104464, Christopher Graham	446.5	3.73	16.659
Pietertje Segis Johanna Ormsby 103460, A. A. Cortelyou	508.6	3.27	16.641
Faithful Lassie De Kol 111652, David Roberts	435.4	3.82	16.628
Dingle Maid of Aron 156706, Dept. Public Safety	515.1	3.22	16.584
Fourteen-day record	1190.5	3.09	36.791
Bessie Rhana De Kol 2nd 121722, F. D. Gott	453.9	3.64	16.512
Queen Veeman De Kol Pietertje 95850, T. A. Gierens	479.2	3.43	16.441
Juda Adina De Kol 75390, J. E. Burgett	417.1	3.94	16.437
Ono Mercedes Jewel De Kol 177571, A. T. Blount	525.4	3.10	16.396
Wilhelmina Butter King Princess 124430, T. A. Gierens	597.0	2.74	16.385
Maid Rosa 103372, J. E. Piper	374.9	4.36	16.351
Windsor Hill Perfection 2nd 120877, A. A. Cortelyou	518.8	3.12	16.176
Windsor Hill Inka 114632, A. T. Blount	407.1	3.95	16.087
Baker Mercedes 91443, M. F. Peck	408.8	3.93	16.070
Johanna Grendola 90533, F. L. Hess	444.2	3.61	16.056
Betsy Woodland De Kol Beets 116681, W. E. Lamb	522.9	3.06	16.008
Sophie Pietertje 67725, J. E. Piper	466.6	3.40	15.905
Miss Gladice Butter Boy 120992, Mt. Hermon Boys' School	570.2	2.79	15.896
Fourteen-day record	1110.1	2.79	30.931
Josephine Mechthilde De Kol Paul 2d 113309, W. Bridge	428.9	3.68	15.766
Ruby Spofford Burke 98424, James Lull	459.8	3.39	15.605
Parthenea Clothilde Artis De Kol 95769, Iowana Farms	527.9	2.95	15.559
Buckeye Queen Butter Girl 105358, Dept. Public Safety	515.8	3.01	15.503
Fourteen-day record	998.6	3.03	30.262
Cornucopia Inka 117247, W. E. Lamb	476.6	3.24	15.438
Juma Girl Mercedes 3rd 126318, Iowana Farms	410.4	3.75	15.396
Parthenea Burke Clothilde 121625, A. G. Wyckoff	434.2	3.50	15.204
Lady Beauty 98236, W. R. Gates	428.2	3.52	15.063
Corona Inka Clothilde 198365, A. G. Wykoff	474.5	3.17	15.040
Doro Dot Netherland 3rd 87708, John S. Gates	439.3	3.42	15.037
Moneta Ormsby Topsy 102477, F. L. Hess	405.5	3.68	14.935
Maple Grove Hartog De Kol 55562, G. B. Leavett	518.9	2.88	14.925
Maid Wickfield 2d 98936, E. B. Paddock	467.5	3.18	14.857
Minnie Barber De Kol 105316,G. A. Abbott	506.0	2.89	14.614
Edgelake Lilith Pauline 99470, Burton W. Potter	380.9	3.83	14.589
Countess Posch De Kol 96886, A. A. Cortelyou	511.4	2.84	14.491
Woodbine Netherland Cornucopia 173181, Eben Richards	364.4	3.95	14.400
Mutual De Kol Echo 116295, S. J. Lobdell	429.7	3.33	14.300
Lady De Kol Goudgeld Dieuwertje 78905, M. F. Peck	395.2	3.60	14.225
Johanna Star Aaggie 114357, Watson Bros.	404.7	3.51	14.217
Aaggie Bloom 80260, John H. Stephens	439.1	3.21	14.117
Beauty Pauline Center 105327, R. P. Hartshorn	380.4	3.65	13.899
Johanna De Pauline Mercedes 98864, N. Houslet	394.4	3.51	13.847
Johanna Almeda Burke 123319, A. C. Thoreson	404.4	3.41	13.802
Jewel De Kol Colantha Lady 113934, Fred A. Blewer	428.2	3.21	13.733
Idene Genesta Colantha 116920, Fred A. Blewer	465.4	2.94	13.662
Mollie De Kol Signet 2nd 94867, Fred A. Blewer	421.2	3.15	13.280
Alta Pietertje Center 113804, R. P. Hartshorn	412.1	3.20	13.194
Milla Hartog Star De Kol 84510, W. J. Clark 2nd	343.8	3.82	13.134
Agnes Clothilde De Kol 83191, A. A. Cortelyou	442.7	2.93	12.970
Maple Grove Treasure De Kol 56366, G. B. Leavett	361.6	3.56	12.872
Wielinga Mondamin De Kol 70978, N. W. Salmon	353.1	3.64	12.836
Edgelake Ethel Pride 84347, Burton W. Potter	451.9	2.84	12.823
Aatlje Salo Netherland Mechthilde 2nd 97185, Rust Bros.	388.0	3.30	12.810
Marialba Pauline De Kol Vale 168070, A. A. Cortelyou	474.2	2.68	12.691
Ormsby Pietertje Belle 109088, Fred M. Smith	374.3	3.33	12.483
Lilith Walker Korndyke 99052, W. J. Clark 2nd	329.3	3.75	12.355
Juno De Kol Posch 84136, E. B. Paddock	465.2	2.65	12.340
Ina Clothilde Piersma 88094, George Coggeschall	396.4	3.11	12.337
Viola De Kol Kashman 83177, R. E. Chapin	307.0	3.98	12.226
Alice De Kol Roosevelt 84213, T. A. Gierens	429.2	2.84	12.207
De Kol Aaggie Hesseltje Clothilde 2d 115804, F. M. Smith	374.5	3.22	12.070
Clover Beryl De Kol 93708, W. E. Lamb	423.5	2.84	12.027
Edgelake Bess Deane 91454, Burton W. Potter	371.5	3.24	12.024
Ruby Beauty Pietertje De Kol 72922, Frank Randall	374.2	3.21	12.007

SENIOR FOUR-YEAR CLASS

Victoria De Kol Hengerveld Veeman 124505, W. Robens	601.7	4.07	24.490
Thirty-day record	2334.0	3.98	92.838
Pleasant Hill Veeman Lady 124507, W. D. Robens	523.7	4.30	22.515
Maple Crest Pontiac Bromide 141161, O. P. & M. J. Van-Sweringen	473.5	3.91	18.519
Parthenea Clothilde Aaggie 2nd 130547, A. G. Wyckoff	511.9	3.49	17.848
Oasis Hamilton 133214, William J. Maynard	491.3	3.62	17.783
Olga De Kol Boon 121673, G. A. Abbott	496.7	3.50	17.364
Grace Beauty Pietertje Veeman 135706, Otto A. Buell	426.3	3.87	16.486
Queen Lill Mechthilde 135829, L. P. Scott & Son	444.9	3.68	16.366
Adelaide Pontiac Korndyke 129114, O. P. & M. J. Van Sweringen	395.8	3.97	15.713
Imperial Galatia Korndyke 125012, Merritt Wilcox	481.0	3.24	15.587
Rose Mary Shelbark 132670, Dept. Public Safety	456.1	3.39	15.461
Fourteen-day record	898.5	3.35	30.109
Lake View Bertha De Kol 133974, G. A. Abbott	464.9	3.28	15.285
Preble Maud De Kol Tehee 131524, A. A. Knapp	472.5	3.18	15.017
Bonnie Views Allie Netherland 145489, Harvest Farms Co.	507.5	2.66	13.516
Nellie Jacoba 3rd 122791, Winship & Schroeder	429.7	3.11	13.352
Burke De Kol Hengerveld 2nd 132315, M. J. Rodger	431.5	3.05	13.153
Schilling Almeda 130910, Winship & Schroeder	369.5	3.52	13.002
Bessie Mechthilde Shadeland 2nd 140230, William Bridge	452.4	2.85	12.889
Tolita Duchess Monk 115066, Geo. Weissenberg	368.3	3.48	12.817

John Reckinger—Reuben Klofanda, Racine.

W. G. Reynolds—J. F. Schmidt, Arpin.

F. M. Sharp—S. B. Jones & Son, Watertown.

Wm. A. Smith—Peter Hammen, Ripon.

S. L. DeSmidt—Stephenson Farm, Kenosha.

E. J. Stuesser—Geo. Stroebel, Jefferson.

F. R. Weymouth—Harvest Farms Co., Mayville.

M. H. Weymouth—Max Witte, Watertown.

F. S. Wilcox—Mielenz Dairy & Produce Co., Pewaukee.

A. C. Wollin—W. D. McGill & Son, Menomonee Falls.

Holstein breeders should bear in mind that we shall not have quite so many supervisors available after April 1st. If it is important that a test be started at a certain time, the owner should notify us as to his intentions at least ten days in advance to be sure of securing a man. A longer notice is better. If the cows do not come on as expected, the application may be canceled at any time.

ROY T. HARRIS,
In Charge of Dairy Tests.

Breeders' Bulletin Board

MARYDALE NETHERLAND AAGGIE

C. E. Chas, Edmeston, New York, writes:

"In sending my ad. to the World I would like to write a few lines in regard to the dam of this bull.

"Marydale Netherland Aaggie was not quite 6 years old when she made her last record, and has given birth to five mature calves, the last two being born in eleven months. She carries a great udder, and I believe with just a little rest she will go quite a little over 30 lbs. next time she freshens. During her test she did not average to eat 12 lbs. grain a day, but I can see now, after it is too late, that it was my fault and not hers, in trying to crowd her too fast on the start."

KING ARTIS PRILLY

Holstein-Friesian World:

May I be cited to a "better pedigree" of any bull, than my bull, King Artis Prilly. Individually, faultless at 2 years of age, weight 1850 and carries in his veins the blood of the greatest sires and dams which have gone before him. Take his sire King Pontiac Artis by King of the Pontiacs and Pontiac Artis, they combining the blood of Pontiac Korndyke, Pontiac Lunde Hengerveld, Hengerveld De Kol and Pontiac Clothilde Inka on the sire's side. On farther we go to his dam Pissa Prilly

JUNIOR FOUR-YEAR CLASS			
Aaggie Beauty of Lindenwood 2d 139983, G. W. Rising	485.2	4.97	24.132
Glista Coreva 134891, Cornell University	428.7	4.76	20.398
Lucy Korndyke Vale 141470, Harry D. Wheeler	489.0	4.06	19.829
Fourteen-day record	926.6	4.20	38.932
Lady Netherland Weeks Vale 141865, Eben Richards	475.1	4.02	19.085
Minkie de Vries of Maple Hill 3rd Girl 125521, Dept. Public Safety	537.0	3.55	19.069
Princess Leo Aaltje De Kol 131327, Harry Lee Martin	463.9	3.89	18.049
Idella Maximum De Kol 222817, H. C. Davis	457.5	3.84	17.562
Kekke Belle Pietertje Lass 135157, A. T. Blount	426.4	4.02	17.165
North Star Skylark 131294, W. S. Moscrip	486.7	3.41	16.592
Terracelawn Winana 128823, Clayton Sisson	315.1	5.24	16.521
Pauline Cornucopia Silver De Kol 129477, F. S. Stimson	467.8	3.47	16.255
Jarie Pauline Daughter 2nd 126233, Herbert P. Smith	439.2	3.66	16.073
Mt. Hermon Butter Boy Aaggie 120985, Mt. Hermon Boys' School	508.7	3.09	15.717
Fourteen-day record	978.0	3.09	30.265
Walker Pietertje Flora 142689, R. E. Chapin	413.1	3.50	14.454
Gold Beauty 2nd Burke 122322, G. B. Warner	375.4	3.80	14.273
Briar Pontiac Friesland 127720, Geo. T. Reid	342.3	3.88	13.271
Flora Feikje 126198, A. C. Thoreson	351.0	3.47	12.198
Magali Ormsby Beets 138607, Winship & Schroeder	379.9	3.11	11.821
Nosnip Buttercup Echo 2nd 141570, S. J. Lobdell	337.2	3.40	11.467
SENIOR THREE-YEAR CLASS			
Duchess Hengerveld Kornd. 131752, Emblagaard Dairy	624.9	3.48	21.750
Thirty-day record	2507.7	3.45	86.753
Rose Beets 147525, A. C. Thoreson	437.4	4.09	17.902
Queen Pietertje Koningen 2nd Segis 141683, H. P. Smith	478.6	3.52	16.856
Beasie Pontiac De Kol 138631, James N. Jarvie	506.5	3.31	16.763
Thirty-day record	2091.4	3.20	66.896
Manor Johanna De Kol Wayne 141729, W. H. Grenell	483.8	3.43	16.596
Duchess Aaggie Grace 133778, S. H. Bird	489.1	3.36	16.435
Finderne Pontiac Adelina 144561, Bernhard Meyer	505.6	3.00	15.169
Finderne Hengerveld 144550, Bernhard Meyer	370.2	3.98	14.737
Alice Pontiac Vashti Korndyke 158154, N. Houslet	414.2	3.44	14.246
Lilith Lady Countess 145443, W. E. Lamb	407.8	3.47	14.140
Quoque Belle 4th 132916, H. Perkins & Son	443.7	3.03	13.462
Viscount Aaggie Favorite De Kol 166218, A. A. Cortelyou	407.1	3.30	13.429
Pauline Segis Wayne 144932, A. G. Wyckoff	432.8	2.93	12.694
Lady Bertha Clothilde 155002, Clayton Sisson	447.8	2.79	12.488
Hubbel Hengerveld May 135011, Fred A. Blewer	379.4	3.28	12.426
Walker Pietertje Ida Rosa 142686, R. E. Chapin	395.2	3.14	12.423
Edith Prescott Fayne 14856, A. W. Brown	387.0	3.03	11.728
Mutual De Kol Echo 2nd 157504, S. J. Lobdell	353.0	3.15	11.121
Aaltje Salo Pontiac De Kol 152064, Rust Bros.	315.4	3.42	10.782
Edgelake Durkje De Kol McKinley 138433, B. W. Potter	339.8	3.15	10.694
Sadie Vale Center 134175, R. P. Hartshorn	295.1	3.55	10.476
JUNIOR THREE-YEAR CLASS			
Jennie Beryl De Kol Walker 161786, W. E. Lamb	517.4	3.53	18.261
Spring Brook Alma Lady 158617, Bert Stutsman	442.0	3.81	16.830
Fourteen-day record	887.2	3.77	33.430
Alma Pietertje De Kol 158120, H. Perkins & Son	489.2	3.43	16.792
Maid Wickfield 3d 184076, E. B. Paddock	412.8	3.83	15.801
Emblagaard Veeman Pet 194950, Emblagaard Dairy	469.0	3.30	15.476
Lady Walker Aouda 159805, George Freese's Sons	441.6	3.35	14.836
Nudine Cloverdale Lucy 2nd 142698, Dept. Public Safety	442.4	3.35	14.819
Fourteen-day record	855.4	3.31	28.325
Butterfly Belle Beets Walker 161785, W. E. Lamb	460.4	3.20	14.740
Pietje Jarie De Kol 139527, Geo. T. Reid	452.7	3.07	13.899
Xenodocha Mercedes Countess 153007, M. J. Smiley	346.0	3.85	13.315
Houwtje Pietertje Willowbridge 150093, George Freese's Sons	451.3	2.94	13.263
Korndyke Pontiac Cornucopia 2nd 162354, C. Graham	339.5	3.87	13.129
Handy Margolyn Elzevere 149339, Michigan Agr. College	374.4	3.49	13.068
Coloma Canary Sabina 168643, Helen S. Norton	320.9	4.00	12.837
Echo Pietertje Lyons 2nd 153901, David Roberts	372.9	3.44	12.817
Fanny Clyde Abbekerk 155703, Fred A. Blewer	373.0	3.43	12.716
Jefferson Belle Homestead De Kol 2nd 160847, M. Rodger	299.2	4.12	12.339
La Grange Pauline De Kol 198850, W. J. Clark 2nd	317.3	3.72	11.817
Bellemore Korndyke Hartog 163381, G. A. Abbott	339.8	3.46	11.772
Queen Ranavalona 3d 152654, Geo. Weissenberg	341.7	3.38	11.548
Netherland Pietertje Korndyke 157305, M. J. Rodger	279.0	3.50	9.755
SENIOR TWO-YEAR CLASS			
Adelia Aaggie Cornucopia 159246, William Bridge	451.4	3.48	15.725
Artis Pontiac Veeman 165470, Neil McLean	412.6	3.80	15.707
Lulu Arilla 155518, P. S. Govan	485.2	3.24	15.702
Duchess Segis Grahamholm 169857, Christopher Graham	385.5	3.83	14.775
Daisy Oak Lawn Korndyke 181310, Wm. Kaboos	456.7	3.18	14.529
Daisy Delight 165571, Jno. Erickson	372.9	3.89	14.492
Alma Washburn Korndyke 158588, A. A. Cortelyou	416.5	3.44	14.324
May Korndyke Artis 168917, William J. Maynard	414.6	3.44	14.275
Aaggie Mink Korndyke 166120, Herbert D. Crumb	426.9	3.32	14.159
Edith Prescott Segis 172473, A. W. Brown	379.0	3.66	13.863
Jennie De Kol Segis Grahamholm 169858, C. Graham	435.4	3.01	13.125
Vernon Trijntje 169325, James N. Jarvie	417.0	3.15	13.118
Thirty-day record	1765.8	3.10	54.789
Annie Netherland Pontiac 166824, A. G. Wyckoff	376.7	3.44	12.960
Daisy Johanna Netherland 165572, Jno. Erickson	329.0	3.91	12.873
Nancy Wayne Clothilde Plum 183063, H. Perkins & Son	377.2	3.41	12.864
Vernon Burke 3rd 168823, James N. Jarvie	458.9	2.80	12.839
Previous Abbekerk 168851, Fred A. Blewer	370.9	3.42	12.688
Warfield Korndyke 152912, Alfred University	334.8	3.77	12.607
Starland Pontiac Korndyke Belle 151015, E. H. Marshall	365.0	3.37	12.306
Sadie Rose De Kol 3rd 152710, C. L. Amos	366.9	3.62	12.292
Mt. Hermon Butter Boy Starbright 146878, Mt. Hermon Boys' School	419.5	2.93	12.287
Fourteen-day record	836.4	2.87	24.041
Aagie Grace Jet Barber 148066, Mt. Hermon Boys' School	342.7	3.55	12.160
De Kol Burke Clothilde 2nd 166825, A. G. Wyckoff	377.1	3.21	12.089
Sporting Maid 2nd 156818, Mt. Hermon Boys' School	398.9	2.99	11.940
Atlantis Korndyke 2nd 166121, Herbert D. Crumb	358.7	3.30	11.846
Lyons Neta Paul Perfection 165005, N. F. Hopper	397.3	2.95	11.703
Korndyke Spofford Lady 165108, Clayton Sission	312.4	3.70	11.571
Princess Colantha Beauty 173265, Jno. Erickson	349.9	3.22	11.268
Gorter De Kol Belle 155072, L. P. Scott & Son	277.1	3.78	10.479
Queen De Kol of Rufenuf 197213, G. R. Blount	354.7	2.88	10.227
Hello Segis Inka 162037, M. F. Peck	286.5	3.38	9.677
Lady McKinley of Edgelake 158985, W. Potter	336.7	2.79	9.394
Pauline Pontiac Korndyke De Kol 166124, H. D. Crumb	324.7	2.88	9.399
Lyons Ruby Wayne De Kol Johanna 165008, N. F. Hopper	284.1	3.25	9.220
Mutual Luecke Pauline De Kol 195111, S. J. Lobdell	291.9	3.15	9.201

by Joe Gelsche De Kol Burke, by Helena De Kol Artis and Prilly and Clarissa Clothilde Pietertje by Clothilde Pietertje Romeo and Clara Pietertje M.

What more would one wish for than has this great "monster" King Artis Prilly" in his veins. The blood of these greatest of all sires and dams can do more for the improvement of Holstein industry than the dollars and cents can ever do.

We are willing to wait and see before we say we have the "Best on Earth". We don't know that we have the "best", but we think we have one of the best bulls living as his ancestors, as before stated, have proven themselves to be the "Best on Earth". We have nine coming before June, of the "Best".

Yours very truly,
Homer A. Ward, Prop.,
Seek-No-Farther Herd
Holsteins.
Gregory, Michigan.

KING PONTIAC ASIA'S HEIFERS SELL

Holstein-Friesian World:

A short time ago we made a sale of $700.00 to Houselett & McNutt of Oxford, Wis., consisting of yearling daughters of King Pontiac Asia. One a daughter of Lucyra Pontiac Bessie 163795, 17.75 lbs. butter at 2 years, 3 months is due to freshen March 25, 1914. She was making 1 lb. butter per day Dec. 25th just 3 months before she freshened. She is our kind. Also a daughter of Neta Woodland 152049 16.286 lbs. butter at 2 years, 10 months. She is a very promising young cow. Barring accident she will increase her record considerably this spring. A daughter of Lucyra Pride 88567— 15.87 lbs. butter at 2 years, 3 months, a great producer for the year and one of the best daughters of Lucyra Colanthus 50024 with 5 A. R. O. daughters, two with records over 23 lbs. butter. With proper care we shall look for results from such heifers as these.

We made this week a sale of $825 to Theo. Milfried, Cazenovia, Wis. One a yearling heifer from King Pontiac Asia to Lucyra Rose 95561—13.35 lbs. butter at 2 years, 6 days. She is a daughter of Lucyra Colanthus Pietertje De Kol 6159—23.433 lbs. butter with 4 A. R. O. daughters one with 25 lbs.

One heifer calf by King Pontiac tiac Asia and Lucyra Rose 95561—162038—18.148 lbs. at 3 years, 3 mos. is a daughter of Sir Johanna De Kol 12th and Lucyra Pauline 16.67 lbs. 2 years, 3 months, a full sister to Lucyra Rose. (See above. Another heifer calf by Johanna King Segis Pet 95750 and Lucyra Pontiac Pauline 181249—13.215 lbs. butter at 2 years, 3 months; another daughter of Lucyra Pauline. We predict a great future for this little foundation herd of heifers.

We put it mildly when we say the Holstein-Friesian World brings results.

M. F. Peck & Sons,
Marshall, Wis.

Where you have irrigation you need tile draining. Remember that.

Duchess Wickfield Gem 195072, E. B. Paddock	317.3	2.89	9.164
Ina Shepard Piersma 158405, George Coggeshall	306.4	2.87	8.803
JUNIOR TWO-YEAR CLASS			
Pietertje Homestead Ormsby 162967, E. C. Schroeder	453.9	3.90	17.704
Thirty-day record	1926.4	3.71	71.536
Jennie Wren Ormsby 161799, E. C. Schroeder	418.8	4.18	17.519
Thirty-day record	1803.5	3.86	69.590
Lindenwood Nudine Johanna 191916, G. W. Rising	378.5	4.33	16.406
Flora Belle Wayne Walker 159505, R. E. Chapin	410.3	3.81	15.646
Thirty-day record	1561.3	4.14	62.564
Colantha Jewel Pontiac Mercedes 190586, C. S. Zeliff	401.4	3.87	15.523
Queen Jolie Johanna 216994, O. U. Kellogg	356.7	3.92	13.969
Queen Pontiac Beauty 181247, M. F. Peck	330.2	4.12	13.596
Emblagaarl Hengerveld Mona 164120, Emblagaard Dairy	383.3	3.51	13.463
Mapleside Hartog De Kol 185918, H. W. Norton & Son	355.7	3.73	13.265
Mt. Hermon Johanna Lassie 162767, Mt. Hermon Boys' School	422.2	3.12	13.160
Fourteen-day record	849.1	3.05	25.930
Houwtje Pietertje Fobes 175448, Newberry State Hospital	361.6	3.57	12.912
Preble Sadie Vale Elliston Lyons 183662, A. A. Knapp	351.7	3.55	12.479
Agnes Pontiac Beets 190775, A. A. Cortelyou	354.1	3.51	12.427
Blossie Clothilde Canary 188105, Jacob S. Stutsman	382.1	3.21	12.289
Fourteen-day record	735.3	3.22	23.643
Korndyke Hengerveld Burke 177506, M. J. Rodger	300.5	4.08	12.260
Perkinsdale Johanna Aaggie 184565, H. Perkins & Son	323.4	3.78	12.228
Nydia Nannette 219494, O. U. Kellogg	312.1	3.88	12.095
Bluebird Homestead Korndyke 190154, S. H. Bird	340.6	3.55	12.088
Echo Prometheus Fobes De Kol 175444, Newberry State Hospital	311.9	3.86	12.035
May Green Woodcrest 186567, S. W. Kelner	302.7	3.94	11.954
Generva Pontiac Aaggie 181245, M. F. Peck	285.7	4.16	11.884
Johanna Detra 183006, W. J. Gillett	373.6	3.16	11.815
Mercedes Pontiac Pet 181250, M. F. Peck	305.9	3.80	11.628
Roxy Korndyke 177507, M. J. Rodger	316.9	3.63	11.507
Fourteen-day record	617.1	3.96	22.431
Alice Prometheus Fobes De Kol 175440, Newberry State Hospital	304.1	3.75	11.418
Colantha Fayne 4th 183002, W. J. Gillett	419.7	2.70	11.332
Queen Nixola Aaggie Nannette 216995, O. U. Kellogg	288.8	3.89	11.228
Elsie Homestead Model 185457, F. D. Gott	320.2	3.47	11.114
Eureka Pontiac Johanna 223552, Paul McNish	299.8	3.71	11.110
Josephine Mechthilde De Kol Artis 190305, W. Bridge	284.2	3.88	11.020
Proble Lyons Triple Koningen 158255, A. A. Knapp	265.1	4.14	10.964
Pearl of the Dairy Mercedes 192034, F. S. Stimson	279.2	3.90	10.899
Roberts Pontiac Pauline 166257, David Roberts	288.3	3.69	10.643
Glista Pontiac 204842, Merritt Wilcox	299.3	3.40	10.184
Buffalo Andorra Beets 172547, A. N. Young	338.5	3.01	10.178
Finderne Mercedes Pontiac 183226, Bernard Meyer	357.3	2.83	10.107
Mt. Hermon Daisy De Kol 162766, Mt. Hermon Boys' Schl.	326.3	3.10	10.106
Kiatta Fayne Concordia 177532, George Freese's Sons	263.4	3.82	10.074
Netherland Star Korndyke 169833, Herbert D. Crumb	296.0	3.36	9.956
Bessie Mechthilde Veeman 193234, William Bridge	346.8	2.83	9.801
Buffalo Hello Beets 166696, A. N. Young	275.9	3.54	9.759
Neiva Nannette 219493, O. U. Kellogg	250.1	3.89	9.724
Queen Mechthilde Parthenea De Kol 4th 184804, F. Blewer	349.9	2.68	9.386
Johanna Bonnie 2nd 183003, W. J. Gillett	336.0	2.78	9.344
Sunny Crest Aaggie Hengerveld 185593, W. J. Clark 2nd	289.6	3.20	9.289
Hazelwood Bracelet De Kol 2nd 202893, B. S. Fryar	308.4	3.00	9.260
Bluebird Homestead Princess De Kol 190153, S. H. Bird	248.7	3.60	8.960
Roberts Pontiac Beauty 190299, David Roberts	238.8	3.72	8.896
Cold Spring Hannah 4th 186724, L. P. Scott & Son	246.7	3.30	8.161
Canary Inka De Kol 2nd 175417, Edgar D. Reid	230.3	3.46	7.974
Nea Cornucopia Pauline Aaggie 2d 225187, Kennedy Holstein Farm Co.	209.6	3.73	7.826
Princess Hope 166129, M. J. Rodger	258.1	3.03	7.825
Maid Mercedes Cornucopia 191077, B. S. Fryar	224.1	3.35	7.516
Vosje Artis 161981, F. S. Fryar	261.0	2.83	7.380

A COW OF QUALITY

The Holstein-Friesian cow, Lady Woodcrest Colantha Lad 136686, has just completed her first period of lactation with an official record of 13,293.6 pounds of milk and 630.7 pounds of butter in one year. She was two years, seven months old, at the beginning of the test. Figuring her milk at $2.25 per hundred weight, the gross return from her milk was $299.11. Her first calf was worth not less than $200. The gross return from the milk and the calf would be then $449.11. The average amount of milk given per day for the entire year was 18 quarts.

If we know what this cow was fed during the year it is easy enough to figure what has been the profit for the year. The amount of feed and cost of feed was as follows:

9,300 lbs. Silage @ $3 per ton	$13.95
525 lbs. Soy bean hay @ $15 per ton	3.95
192 lbs. Alfalfa @ $18 per ton	1.73
765 lbs. Mixed hay @ $15 per ton	5.73
2,394 lbs. Wheat bran @ $30 per ton	35.91
1,041 lbs. Cottonseed meal @ $28 per ton	14.56
1,117 lbs. Corn and cob meal @ $26 per ton	15.26
598 lbs. Barley @ $26 per ton	7.77
7½ months of pasture @ $1.25 per month	11.25
Total cost of feed	$110.09

The total cost of the feed then was $110.09, and the gross returns were $499.11. Other charges, such as labor, cost of feed for the calf, interest on the investment, risk that must be borne, etc., are not included in this data, but it is safe to conclude that the profit on this cow for the past year is not less than $200.

We give this data to show the possibilities in production of Holsteins of this age in the South.

C. A. WILLSON. Knoxville, Tenn.

NOTICE No. 1

King Korndyke Maid

has arrived at his home in the White Mountains of New Hampshire. He has come to head the FAIRVIEW FARMS herd of purebred Holsteins, which contains daughters of Pontiac Korndyke, Johanna Rue 3rd's Lad, Konig Blanche Lyons, King Pontiac Artis, King Pontiac Pyrrha, Sir Korndyke Manor De Kol, Korndyke Pontiac Hengerveld Son, and other good ones. KING KORNDYKE MAID is one of the best bred bulls that could be bought, being sired by PONTIAC KORNDYKE, the greatest Holstein sire that ever lived, and from PONTIAC KORNDYKE MAID, who is also sired by PONTIAC KORNDYKE, from a 20.34 lbs. daughter of Sir Pietertje Posch and Winana Beets De Kol, (20.71), who has three granddaughters with records over 31 lbs. PONTIAC KORNDYKE MAID has made 33.76 lbs. of butter from 535 lbs. of milk, test 5.05. The service to the "KING" for a few approved cows will be $100.

FAIRVIEW FARMS

Richard T. Eastman

Littleton, N. Y.

SPRINGVALE STOCK FARM

"THE HOME OF THE JOHANNAS."

If in need of a bull calf this winter, do not fail to investigate the breeding of one sired by King Peter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.

W. J. GILLETT & SON,

Rosendale, Wisconsin.

PUBLIC SALE CALENDAR

March 24, 1914—Dispersion of Brookside Herd, 125 head, Louisville, O.

March 25-26, 1914—Syracuse, N. Y. Breeders' Consignment Sale Co. Seventeenth Public Sale.

March 27, 1914—Roscoe Lee Sale, Cazenovia, N. Y.

April 14,1914—Alta, Ill., I. J. Case and J. W. Garvey.

April 16, 1914—Beard's Sale, Cortland, N. Y.

April 20, 1914—T. E. Getzelman Sale, Hampshire, Ill.

April 21-22, 1914—Algonquin, Ill. R. E. Haeger.

April 22, 1914—Howell, Mich. Howell Consignment Sale Co. 100 head.

April 25, 1914—B. E. Totten Sale, 100 head, at Gustavus, Ohio. P. O., Farmdale, Ohio.

April 27, 1914—Youngstown, O. Complete Dispersion. Idora Place, Wm. Bakody. 90 head.

April 28, 1914—W. C. Jewel, Dispersion Sale. Kinsman, Ohio. 90 head.

May 5-6, 1914—Syracuse, N. Y. New York State Breeders' Sale Co.

May 7-8, 1914—Madison - Chenango Holstein Club Sale, 200 head, Earlville, N. Y.

May 12, 1914—Western Connecticut Breeder's Company Sale, 75 head, New Milford, Fair Grounds.

May 13-14, 1914—Sale Pavilion, Syracuse, N. Y. E. M. Hastings 1914 Sale.

May 20-21, 1914—Sidney N. Y. Tri-County Holstein-Friesian Breeders' Association. Second Annual Sale.

May 26-27, 1914—Worchester, Massachusetts. Third Annual New England Breeders' Sale.

June 4-5, 1914—Western Holstein Sale at Chicago, Ill. T. E. Getzelman, Sale Manager.

June 10, 1914—N. Dunn and St. Croix Co. Ass'n. 2nd Ann. Sale, Glenwood City, Wis., S. B. Peck, Mgr., Boyceville, Wis.

Oct. 20, 1914—Woodstock, Ill. Second Annual Sale, Mc Henry Co. H.-F. Breeders' Association.

Oct. 21-22, 1914—Pavilion, Barrington, Ill. First Semi-Annual Sale of the Barrington Breeders' Association.

THE HOLSTEIN-FRIESIAN WORLD comprises from 24—36 pages and is PUBLISHED WEEKLY. The 1913 volume contained over 600 ILLUSTRATIONS of the GREAT ANIMALS OF THE BREED. Price per year (52 numbers) is $1.00.

NOTICE No. 2.

This is Maplecrest Pontiac Highlawn, the dam of our junior herd sire, Maplecrest De Kol Paul. Her record as a junior four-year-old is 30.72 lbs. butter in seven days. As a two-year-old she produced 758.62 lbs. butter in a year. She is a daughter of Pontiac Aaggie Korndyke and Burton Highlawn 2d (20.58 lbs. at 12 years.) The sire is Friend Hengerveld De Kol Butter Boy. We told you about these lines of breeding last time, and we made some strong statements, which, however, are entirely borne out by the facts.

Maplecrest De Kol Paul has 75% the same breeding as Highlawn Hartog De Kol, and 62½% the same breeding as Maplecrest Pontiac Flora Hartog. These are the only mother and daughter of the breed each with semi-official year's records above 1,200 lbs. butter and 25,000 lbs. milk. He is also a brother to the World's Champion cow and the World's Champion four-year-old in semi-official test.

REMEMBER. No other herd has two sires, by bulls of the quality of Pontiac Korndyke and Friend Hengerveld De Kol Butter Boy, from dams with reocrds which equal those of the dams of the two Fairview sires.

FAIRVIEW FARMS

Richard T. Eastman

Littleton, N. H.

NUGGETS

The foundation principle of the profit system is getting more than you give an equivalent for.

* * *

Many a new year resolution contains a joker.

* * *

It cannot be denied that the hen is a famous bird—her son never sets.

* * *

There are winning cards in every game.

* * *

Class is subject to reversion and variation; caste is fixed and breeds true.

AT REASONABLE PRICES

Beautiful bulls—King of the Pontiacs, Pontiac Korndyke, Model Family, King of the Butter Kings, King Segis and other families, all from A. R. O. dams with high records. Individually they are unsurpassed in any stable in America. Also choice females, all ages. An exceptionally fine lot of heifers bred to the best bulls.

E. A. POWELL, 904 W. Genesee St., Syracuse, N. Y.

FOR SALE

Four full-age cows well-bred, but not A. R. O. Bred to the same Sire our bull calves are from.

Bull Calves For Sale from A. R. O. Dams, and a Sire whose Dam's Sire has four daughters over thirty pounds.

Special prices to sell these cows and calves in the next thirty days.

BELVOIR FARM, LAKE GENEVA, WIS.

JOHN C. SHARPE'S CONSIGNMENT WITH

Breeders' Consignment Sale

Syracuse, N. Y., March 25 and 26, 1914

Six daughters of Sir Prilly Walker, 7 daughters of King Hengerveld Homestead Fayne, 3 daughters of Sir Waldorf Lad, 7 daughters of Hillside Count Pietje, 7 picked cows and heifers. Every animal is guaranteed perfect in every way.

FOR SALE

A carload of fancy, pure-bred, registered Holstein-Friesians for sale, consisting of 20 head of females, ranging from 12 to 18 months of age, and four males, from 10 to 12 months of age, all ready for service the coming season.

Each member of this young herd is nicely marked, well-bred and in vigorous condition. The herd is located at Edwardsville, St. Lawrence Co., New York. Railroad Stations, Brier Hill, Morristown or Hammond.

ZOLLER FARM HOLSTEIN-FRIESIANS

Address:—**J. F. Zoller, Schenectady, New York.**

Central N. Y. State Farm For Sale

100 acres. 8 acres of which is wooded, balance tillable. A strong limestone soil rolling enough for good drainage. Natural alfalfa land. Needs no lime nor inoculation. Good building, nearly new. Driven well and springs.

Price $50.00 per acre, on easy terms. Inquire for further information.

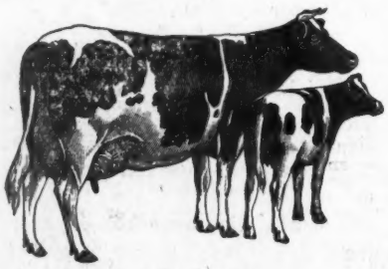
John J. Walrath

East Springfield : : : : New York

Holstein Cows' Milk The Logical Substitute For Mother's Milk

If every physician required Holstein Cows' milk and was vigilantly watchful of its cleanliness, there would be less inclination to abandon cows' milk, the only logical food, for other substitutes that enable him only imperfectly to put the foundation under human life.

Any investigation of the subject you can make will lead to the conclusion that wherever marked success attends artificial feeding, it is always accompanied by the use of Holstein milk or milk of a similar character.



Moderate in fat content, finely emulsified, and comparatively free from the volatile glycerides, Holstein Cows' Milk is generally accepted by specialists as the foundation for all efforts to provide adequate nutrition for bottle fed babies.

Send for our free literature, including the booklet "Specialists' Evidence."

HOLSTEIN-FRIESIAN ASSOCIATION

BOX 182 BRATTLEBORO, VT.

SARANAC SPOFFORD KORNDYKE
No. 122365

Born March 17, 1913. Sire—Sir Fairview Korndyke, son of Pontiac Korndyke. Dam, Veeman Spofford Corona (22.165 lb. butter in 7 days), daughter of Prince Ybma Spofford. A splendid individual, nicely marked, more black than white, straight on back to tail.

L. W. DURGAN Saranac Lake, N. Y.

BLOOD WILL TELL

Two World's Record Blood Bulls

One from the family of Creamelle Vale, the world's record cow for yearly milk production.

One from the family of Banostine Belle De Kol, the world's record cow for yearly butter production.

These bulls must go in 30 days.

Write for pedigrees and our special offer.

Beach & Wirt, Battle Creek, Mich.

MINNESOTA'S FAMOUS HERD

offers for sale 2 bulls of quality backed up by breeding 13 months old.

King Walker Hamilton Gelsche No. 118602; First 6 dams average 30.18 lbs. butter 7 days. Sired by the King of the Black and Whites.

King Cornucopia Sadie Vale Jr. No. 115900 3rd Prize Junior bull calf, in competition of 15 New York State Fair, 1913. Handsomely marked. Dam and sire's dam, average 26.16 lbs. butter 7 days.

E. P. MILLER & SON

Northfield Minn.

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. MUNRO Camillus, N. Y.

RODGERDALE HOLSTEINS.

FOR SALE—1 yearling bull from a 19.30 lb. dam; and bull calves sired by Sir Johanna Lady Korndyke No. 84720, his dam Pontiac Lady Korndyke 38.03. For price etc. address

M. J. RODGER

Hammond, N. Y.

King Pontiac Asia 58042

He is a son of **King of the Pontiacs** and **Pontiac Asia** (A. R. O. 26 lbs. butter in 7 days, 742 lbs. in 336 days), who is three-fourths sister to Pontiac **Pleone** (26 lbs. in 7 days, 925 lbs. in 346 days)—both sired by **Hengerveld De Kol. For Sale**—bull calf from **Johanna** cow (22-lb. jr. 2-yr.-old) and by above herd sire.

M. F. PECK & SONS, Marshall, Wis.

? HAVE YOU .

bought that bull yet? We offer a son of our herd sire, Pontiac Triumph Cornucopia, who was by Pontiac Cornucopia, and from a 25-lb. daughter of Hengerveld De Kol. The dam is a 19-lb. daughter of Belle Korndyke Beryl Wayne. Calf was born October 20, 1913, and is a bargain at our price.

H. C. STANTON,

Clifton Heights, Delaware County, Pa.

FOR SALE

15 or 20 two and three-year-old Grade Holstein Heifers. Fresh and due this Spring. Address

F. L. SMITH

Plattsburgh, N.. Y

FOR SALE.

A three teated cow—10 years old—Cheap. One 8-year-old cow, straight and right, due to freshen in April by a son of **Pontiac Korndyke.** She has a butter record of 19.3 lbs.

R. E. DAVIS,

Mexico, R. 4, New York.

DOWNING FARM HOLSTEINS

$75 buys bull born June 1913, dam an untested granddaughter of Hengerveld De Kol. Also 2 grandsons of King of the Pontiacs out of yearly record cows, one ten the other twelve months old, and several younger bulls of choice breeding with or without A. R. O. dams.

DR. M. W. DOWNING & BROTHER
Waukesha, Wis.

BLUE BOOK

HOLSTEIN-FRIESIAN ADVANCED REGISTER YEAR BOOK—(BLUE BOOK)—VOLUME 24.

This book of a thousand pages, the first complete compendium of Holstein-Friesian records published by the Advanced Registry Office, contains important information that will not be repeated in future volumes. It is, therefore, indispensable to the breeder who cares for a means of convenient access to the figures for all the official milk and butter records of the breed.

It contains a complete list of all sires, with all daughters that have been admitted to Advanced Registry from the commencement of official tests up to May 1, 1913, with their records. Also lists of the producing sons and daughters of such sires; a complete list of dams of two or more A. R. O. daughters, the daughters' records and the producing sons and daughters of such cows; lists of twenty-five leading animals in each of the seven classes of the four prize divisions, price lists, list of cows tested during that year, with their records, etc.

A limited number of volumes still remaining. Price to members of the H.-F. Association admitted on or before June 2, 1913—$1.00; to all others —$2.00, prepaid.

Address—M. H. Gardner, Supt. of Advanced Registry, Delavan, Wis.

WALKER LILITH ALTOANA

is the only bull in the world whose dam ever made a World's Record as a two-year old, and again as a three-year-old, her two records averaging over 30 lb. Her 3-year-old record is 33.6 lb

Service fee—$50.00.

HAROLD F. HUBBS :-Kirkville, N. Y.

FOR SALE

A blemished granddaughter of De Kol 2nd's Paul De Kol. In calf to a 27.31-lb. bull and due soon. Has a 17-lb. record at three years from three-fourths udder. All right in other respects and a good producer. Overstocked. Write

W. L. Keyes, Box 68, Deerfield, N. Y.

KANSAS CITY FARM

Kansas City, U. S. A., and Springfield, Ill.

Breeders of K. C. Holsteins
Stock for Sale.
See or write

T. J. DAUGHENBAUGH

Springfield, :—: :—: Ill.

WARDE R. WEILER

WARREN, PA.

Auctioneer

Posted on Holsteins and how to sell them.
Write early for terms and dates.

YOUR HOLSTEIN SALE
needs

MACK

Always on the job—for RESULTS.
In the box or in the ring.
For dates address
COL. J. E. MACK
Ft. Atkinson Wisconsin.

Holstein Auctioneer

To insure the success of your sale you need Kelley in the box
For dates write

COL. B. V. KELLEY Syracuse, N. Y.

Col. D. L. Perry

THE

HOLSTEIN AUCTIONEER
I also sell satisfaction.
Columbus, Ohio.

THE TRAVERSE HERD

BULL CALVES FOR SALE from ADMIRAL WALKER COLANTHA, whose four nearest dams average:—Butter, 7 days, 32.83 lbs.; 30 days, 131.85 lbs., and from TRAVERSE BELLE LAD, who is from a 30.115 lb. daughter of PONTIAC BUTTER BOY.

Fifty-two A .R. O. cows in herd, most of them daughters or granddaughters of Pontiac Butter Boy or Homestead Hengreveld Crown De Kol.

Write for pedigrees and prices.

TRAVERSE CITY STATE HOSPITAL,
Traverse City, Michigan.

OUR POLICY

Is to sell animals for just what they are. Our stock is bred for size, production and quality. We have some GOOD ones.

W. H. HORSTMANN
R 2. Schenectady, N. Y.

LACONA BREEDERS

BROOKDALE HERD, two miles north of Lacona, is a breeder's herd, and has only its own surplus to offer. This herd was built up from good foundation stock purchased from Henry Stevens & Son, and has always been headed by high class bulls, the present herd sire being a son of King Pontiac Artis and from a 25-lb. dam. A few calves and heifers usually for sale.

J. D. Hagan, Mannsville, N. Y.

HOMESTEAD HERD

The blemished cows previously advertised are sold. We can now offer some extra nice young cows and heifers, right in every way, bred to Albina Butter Boy—the 29.7-lb. son of De Kol 2d's Butter Boy 3d. These are the profit-producing kind. Their next calves will be worth nearly as much as we are asking for the cows themselves. **D. J. HOLLIS Lacona, N. Y.**

PINE RIDGE HERD is headed by Lord Korndyke 2d, 79255, who carries 50 per cent of the blood of Belle Korndyke, De Kol 2d and Netherland Hengerveld, the three greatest foundation cows of the breed. His twenty nearest tested dams average 25.2 lb. Watch this space for announcements of further offerings.

A. T. BLOUNT Lacona, N. Y.

WHEAT HILL HERD has just purcrased Pleasant Hill Pontiac Veeman Wayne No. 70448, whose sire is Sir Korndyke Pontiac Artis, and whose dam is a 29 lb. 4-year-old daughter of Sir Veeman Hengerveld and the 25 lb. cow, Kate De Kol Wayne, who has three daughters with 4-year-old records averaging over 30-lb. Individually and in breeding he has few equals. Will soon be able to offer cows in calf to him at very attractive prices.

W. J. SNYDER Lacona, N. Y.

AT THE EDGE OF THE VILLAGE OF Lacona is a herd worth looking into. Its members are fine individuals of considerable breeding, and many of its females have been bred to Henry Stevens & Son's great young bull, Spring Farm King Pontiac 6th. Next spring we may have some calves of this breeding to offer for sale.

Jay Bettinger, Lacona, N. Y.

SON OF THE $15,000.00 BULL.

Raise your own herd sire. We have a splendid 9-year-old cow in calf to the 44-lb. bull. Even if she has a heifer, it will be worth all we are asking for the cow herself. This is your opportunity. We also offer at a bargain a handsome Shetland Pony, with harness and rig complete.

R. D. REYNOLDS, Lacona, New York.

THIRTEEN SISTERS

daughters of Sir Netherland Johanna De Kol. Look up his list of daughters, and then remember he is a brother to a 40-lb. cow.

These heifers, a few of which are just in milk, and the rest younger, are individually O. K., and certainly represent quality. We are overstocked, and must dispose of some cattle. We have other good ones.

B. E. MEAD,
Lacona Herd, Lacona, N. Y.

A 32.97-lb. BULL.

Son of the $15,000.00 bull, Spring Farm Pontiac Cornucopia, who was from K. P. Pontiac Lass (44.18 lbs.)

The dam is the 21.76 lb. cow, Jewel Johanna De Kol 2d 102230, who will make a much larger record at next freshening.

Bull is four months old, and a fine, handsomely-marked individual. Price for a quick sale, $1,000.00.

Also ten nice typy heifers just under a year old—all by the same sire.

COLVIN & DESHANE,
Richland, New York.

A REGULAR LACONA BARGAIN—A December Bull Calf. Sire—King Pontiac Artis Prilly, who was by a 31-lb. son of King of the Pontiacs, and from the best daughter of King Prilly. Dam—A promising daughter of Woodcrest Aaggie Jewel Son, who was by Pietje 22d's Woodcrest Lad, and from the former World's Champion two-year-old in yearly test. We need his room more than his company, and you get the benefit.

H. A. PRESCOTT,
Bellevue Herd, Lacona, N. Y.

Dispersion Sale of Registered Holsteins

AT BALTIC, OHIO,

On Thursday, April 2nd, 1914

50 -- HEAD -- 50

One man's entire herd, including **King Pontiac Paul Pietertje 121828,** who is a **son of King of the Pontiacs.** A fine individual, almost white, and only eleven months old. Some fine heifers to this great bull, and lots of A. R. O. cows. Some fine heifers and calves the very best breeding, and individuality unsurpassed. Send for Catalog.

JOHN B. KAGEY, Louisville, Ohio. Col. F. W. Andrews & Son, Aucts.

HORNLESS HOLSTEIN-FRIESIANS.

The only Herd in the world, pure bred, naturally hornless Holstein-Friesian Cattle, registered in the Herd Books, the A. R. O. Book of the Holstein-Friesian Association of America, recognized first by the Association in Volume 3, Bulls, Page 28, in March 1887. I believe all the polled Holsteins in America are descendants of De Kol 2d.

During the past six months I have shipped Polled Bull Calves all over the United States—Indiana, Colorado, Connecticut. Every customer is pleased with his purchase.

One nice October Calf, more white than black, A. R. O. Dam, at One Hundred (100) Dollars, crated F. O. B. Express Company.

GEO. E. STEVENSON & SONS **Waverly, Pa.**

VALLEY VIEW STOCK FARM

Offers a bull calf born Nov. 14, 1913. The dam of the calf is a granddaughter of King of the Pontiacs and has a record of 19 lbs. in 7 days as a Jr. two-year-old, and 76 lbs. in 30 days. The sire is a grandson of King Segis whose dam and sire's dam average 31.63 lbs. in 7 days. For price write

S. B. Taylor, Canastota, N. Y.

The Asylum Herd

We raised and developed Pontiac Korndyke and Hengerveld De Kol, and our herd chiefly consists of daughters and granddaughters of the above celebrated sires. Do you want a bull calf carrying this breeding? If so, send for pedigrees and prices.

PONTIAC STATE HOSPITAL
Pontiac, Michigan

TO AVOID INBREEDING

KEYSTONE FARMS

offers four-year-old herd sire, Prince Segis Korndyke Jr. No. 74094, for sale April 1. His dam has record of 109.6 lbs. milk one day, and 719 lbs. milk and 30.54 lbs. butter seven days.

Also one or two more of those good sons of his from large record dams for sale For particulars address

C. A. PRATT, Le Raysville, Pa.

NOTICE

Parties wishing pasture for yearlings with service to a son of Pontiac Korndyke, write

N. V. Lasher, Fultonville, New York.

Typewritten Pedigrees

On the best quality paper 9 1-2x14 with diagram.

No. 2-14 ancestors Blue Book records (3 for $1) 35c. No. 5-14 ancestors up to date pedigree 2 colors 75c. Carbon copies 10c each. Give name and number of sire and dam of animals not registered and of those having numbers above 205896 in cows and 111599 in bulls. For interesting prices on sale catalogs write **F. G. JOHNSTON, 37 W. Lane Ave., Columbus, O.**

35-lb. BULL

Sire is the $15,000 son of the 44-lb. cow. Dam, a 26-lb. daughter of **Hengerveld De Kol** and the wonderful 29-lb. cow, Elzevere Barnum De Kol, is a cow of 30-lb. quality. **Two nearest dams average 35.18 lbs. Three nearest dams average 33.15 lbs.** Calf was born Jan. 30, 1914, and is one of the best individuals we have ever seen, seven-eighths white, simply a beauty. A bull that will put you in the front rank. For further information address

QUENTIN MC ADAM,
23 South St., Utica, N. Y.
Brothertown Farms.

FOR SALE—Must sell 15 or 20 pure-bred cows and heifers at once. Tuberculin tested and right in every way. Every cow in my herd a regular breeder. Some with A. R. O. records, well bred and good individuals. If you want that kind, come and see them.

J. G. HORNER **Lamson, N. Y.**
17 miles north of Syracuse on
D. L. & W. Railroad

BULL

Dam—Hazel Lockhart Heegstra No. 82479. Milk 509.2 lbs., butter 25.78 lbs. in 7 days. She has one daughter (28.20 lbs butter in seven days) and one 21-lb. junior two-year-old.

Sire—Lockhart Hengerveld 85164. Half brother to Lockhart De Kol, the world's record senior two-year-old. This bull was born November 25, 1912.

Price $300.00. If interested, write

EUGENE LA MUNION,
Lockhart Holstein Farm,
Solsville, New York.

105 LBS. MILK—4 PER CENT FAT.

We offer a bull calf, evenly marked, a splendid individual, born Nov. 10, 1913. His sire was from a 30-lb. cow that produced 105 lbs. milk in a day and averaged over 90 lbs. for 75 days.

The dam, a 20-lb. four-year-old, averaged over 4 per cent fat. She is a granddaughter of De Kol 2d's Butter Boy 3d and Sir Korndyke Manor De Kol. Price $100.00. **Jay W. Lee, Cazenovia, N. Y.**

N. B.—The dam will be retained in my herd, and will be tested again.

YEARLING BULL FOR SALE

Born January 19, 1913.

A fine individual, nicely marked and a show bull. His dam, one of the best daughters of Aaggie Grace Butter Boy, has just made 575 lbs. milk and 28.97 lbs. butter in 7 days.

His service, Prince of Wayne Korndyke No. 51138, is from one of the very best daughters of De Kol 2nd's Butter Boy 3d.

Write for pedigree and price and let me tell you more about this fellow.

C. E. CHASE,
Edmeston, New York.

A 32-lb. AVERAGE

for his four nearest dams—these are the latest figures for our herd sire. Pietje Alcartra Fayne. He is a bull with a future.

J. W. PRENTISS & SON,
Maplemont Farm :: Alstead, N. H.

HILLSPRING ALLIE FAYNE

has a bull calf sired by **King Pontiac** Portia. She has just completed a record of 17.005 pounds butter from 383.5 pounds milk, as a senior four-year-old. She is a granddaughter of Sir Fayne Concordia, from a 15.18 lb. granddaughter of Pearl of the Dairy's Joe De Kol. Three-quarters white and individually just like his "dad". For price etc. address

C. C. FRIES & SON,
Richland Center, Wisconsin.

ORRVILLE HERD.

Bull calf, sire, King Pontiac of Brookside No. 55635. Dam, Netherland Mono Johanna No. 76190; 21,644 lbs. milk, 919.28 lbs. butter, semi-official record.

A real individual, too. Write

A. HURSH,
Orrville, Ohio.

FOR SALE

Two heifers, ages 22 and 18 months. One out of a daughter of Sir Hengerveld De Kol Ormsby No. 31211, full brother to the sire of Pietertje Maid Ormsby, 35.56 lbs. butter in 7 days and 145 lbs. butter in 30 days. Both sired by Sir Johanna De Colantha De Kol No. 53056, who has a full sister with a record of 30.49 lbs. butter in 7 days. They are bred to Sir Johanna De Kol 23rd. Due to freshen in fall.

Bulls of this breeding also for sale.

CARL MUTH DAIRY,
Egbert Muth, Prop., Sheboygan, Wis.

AURAY FARMS

We are again in a position to offer a few young bull calves, from A. R. O. daughters of leading sires, by our great young bull, **King Segis Pontiac Clorinda** (see picture in Holstein-Friesian Register of March 1), whose dam is one of the greatest daughters of the **King of the Pontiacs.**

One, four months, seven-eights white, from an almost perfect 23-lb. daughter of **Homestead Girl De Kol Sarcastic Lad,** a world's record sire.

Another, two months, three-quarters black, from a show daughter of **Sir Gelsche Walker Segis** (dam, **Cleopatra Gelsche,** 29.12 lbs., a daughter of **Prilly**). She has a two-year junior record of 15.62 lbs. and has just made at 5 years 25 pounds from 565 pounds milk.

Another, two months, about half and half and beautifully marked, from a three-year junior daughter of **Winana De Kol King Segis** (dam, **Winana De Kol Korndyke,** 31.22 lbs.), record just completed 16 lbs. This heifer has never been dry since dropping first calf.

All perfect individuals, guaranteed to arrive safely anywhere in U. S. and to give complete satisfaction.

Write us for extended pedigrees, prices and particulars.

AURAY FARMS
F. M. Avery, Irving M. Avery, Man.
Sparta, Sussex Co., N. J.

MEADOWVIEW STOCK FARM

offers bull calf born Dec. 1, 1913. Nicely marked (half and half), and an excellent individual.

His dam—a granddaughter of Johanna 2d's Lad, has a 17-lb 7-day butter record.

His sire—a good grandson of Hengerveld De Kol, now in use in one of our herds, is from a 20-lb. 4-year-old dam.

Pedigree and photograph on application. Price $100.00 on cars Edwards, N. Y.

WOODCOCK BROS., Props.
Edwards, N. Y.

FAIRVIEW FARMS HERD

STILL HAS

a few splendid young bulls sired by PONTIAC KORNDYKE, or RAG APPLE KORNDYKE 8TH, and out of cows with records from 20 pounds as two-year-olds, to 33.75 lbs. at full age. REMEMBER, the few sons of Pontiac Korndyke still in our herd are the last that will be for sale. Do you want one? LOOK UP THE RECORD OF HIS SONS AND SEE WHAT THEY ARE DOING AS SIRES. Pontiac Korndyke is the greatest producing sire of the breed that has ever lived, through his sons alone, and you know what his daughters have done.

E. H. DOLLAR **HEUVELTON, N. Y.**

Milford Meadows Stock Farm

Holstein-Friesians

Favill Grove, Lake Mills, Wis.

Breeders of staple cattle from high producing families.

Developers under normal conditions. This year's crop of bull calves from A. R. O. dams, sired by 29.55-lb. bull. He sired by 34.96 lb. bull. Descriptions of calves and dams sent on application. Business office

122 So. Michigan Boulevard, Chicago.

H. B. Favill, Prop., H. W. Faville, Mgr.

A. R. O. BULL CALVES

Sired by Arcady Segis Beets Johanna No. 88548. His dam, Johanna Hengerveld Pledge, has three daughters above 25 lbs. and a 2-yr.-old over 18. The records of his dam at 3 yrs. and sire's dam at 4 yrs. average 26.56. He combines in the closest degree the blood of King Segis and Paul Beets De Kol.

No. 1. Born Nov. 3, 1913. Dam—a junior 2-yr.-old A. R. O. Butter, 16.437; milk, 367.80. Well-grown, straight, an exceptionally fine individual, three-fourth white.

No. 2. Born Dec. 19, 1913. Dam at 2 yrs. A. R. O. Butter, 15.553, milk, 303.6; per cent fat, 4.09. Large, straight. A beautiful individual, ¾ white, a 4 per cent calf.

No. 3. Born Dec. 28, 1913. Dam, a junior 4. A. R. O. Butter, 20.928; milk, 497.0. This calf is well-grown, straight, low down, with a long, deep body, seven-eights white.

If interested, we would be pleased to submit charts and prices. They will not remain long unsold at our price.

F. W. Simonds & Son

Darien Center, N. Y.

ONLY TWO LEFT

FOR SALE

Sons of Prince Beauty Pietertje Hartog 3d, son of De Kol Queen La Polka 2d who has held since May 1910 the World's combined milk and butter record for 7 and also for 30 days. Both from A. R. O. dams with excellent records. Fine individuality. More largely white. If you want one of them write at once for particulars.

E. E. REED

Hopkinton, Iowa

Do You Want to Breed This Kind?

Study the cuts of Aaggie Cornucopia Johanna Lad Jr. and his sons and daughters in the World last week and then ask yourself the above question.

Here is your chance—one of his sons—Sir Aaggie Cornucopia Pride 123438, born Feb. 24, 1913. A very choice, stylish bull, fully as good as his full brother who won first prize at the Mionesota State Fair last year. Dam combines the blood of Pearl of the Dairy's Joe De Kol and De Kol Burke.

For complete information address

GRAHAMHOLM HERD

W. J. Boynton, Mgr., Rochester, Minn.

BEARD'S SECOND ANNUAL SALE

Cortland, N. Y., April 16, 1914.

A good sale for the buyer, as our offerings combine breeding and individuality. Some of the cows will be bred to Fairview Johanna Gladi Korndyke, a grand son of Pontiac Korndyke and Colantha Johanna Lad.

Watch for later announcements. Send early for Catalog to

R. H. BEARD, CORTLAND, N. Y.

MAPLE LANE HOLSTEINS

Ten Cows, Nine Heifers, and Three young Bulls.

Cows are daughters and grand daughters of Pontiac Butter Boy, Paul De Kol Jr., Piebe De Kol Burke, Homestead Jr. Le Kol Urica Von Count and De Kol 2nd's Paul De Kol Bawn. They are large and in good condition with and without A. R. O. records.

The Heifers average from one month to two years of age being grand daughters of Hengerveld De Kol and King Segis. They are large and well developed and from 24 to 30-lb. dams.

Three Bulls offered are Grandsons of King Fayne Segis and Canary Paul Fobes Homestead and from A. R. O. Cows.

For prices and full particulars in reference to Breeding etc. Address,

ZEITLER & WENRICK, R. R. 5. South Bend, Indiana.

IDORA PLACE

Youngstown, Ohio

E. M. Hastings, Esq., Lacona, N. Y. March 12, 1914.

My dear Mr Hastings:—

I am glad to learn by your letter that you are receiving many good inquiries and that you believe these sales will be a notable success.

I have not sold a single female in four years, and my purchases have invariably been the tops in good sales. I am under the impression that this is nearly or altogether true of Mr. Jewell's herd; and the fact that ours will be a complete dispersion without reserve or protection of any sort whatever, the two herds making up a total of close to two hundred head, should afford inducements offered by no other sales of the Spring.

K. P. Susie Judith and her two daughters are doing fine. The granddaughters of King of the Pontiacs and all the rest are splendid and so are the daughters of Sir Fayne Concordia, (of which we have about thirty all told). And, not least is the great young sire Prince Korndyke Hengerveld Ormsby, who will be bred to everything that can be bred in the herd before the sale. We have the material for a wonderful sale.

Yours respectfully,
(Signed.) WM. BAKODY.

Remember the date of the Bakody Sale, April 27, at Youngstown, Ohio, the day preceding the Jewell Dipersion Sale at Kinsman, Ohio. For catalog write early to

E. M. Hastings, Sale Manager

LACONA, N. Y.

MAPLEHURST FARMS

Lamb & Langworthy — **East Hamilton, N. Y.**

KING PONTIAC CANARY 78766.
First two daughters to freshen—
K. P. C. Signet De Kol Jr., two years old 18.73
K. P. C. Dorothy Colanthus 1 year, 10 mos. 18.26
We have a bull calf sired by this bull from a 27-lb. cow consigned to the Madison-Chenango Co. Sale May 6 and 7.

KING OF THE PONTIACS.
Greatest Bull of the Breed.

CANARY HARTOG DE KOL.
A. R. O. 26.60.
30 days 104.40.
Sister to—
Jacoba Hartog Canary 30.81
Canary Lilith Daisy 30.39

PONTIAC KORNDYKE.
Sire of eleven cows with records above 30 lbs.

PONTIAC LUNDE HENGERVELD
7 days 28.41
30 days 114.82

CANARY MERCEDES ALBAN.
30 A. R. O. daughters—
Jacoba Hartog Canary 30.81
Canary Lilith Daisy, four years 30.39
Canary De Kol Susie, 4 yrs..26.88

PIETERTJE HARTOG IMPERIAL DE KOL.
Dam of—
Canary Hartog De Kol 26.60
Canary Hartog, 2 yrs.....17.20

31-lb. Bull Calf

Born Dec. 12, 1913.
The records of his dam and sire's dam average:—
Butter 7 days 31.18
Milk 7 days 572.45
Per cent fat 4.36
Individually O. K., and with a pedigree that speaks for itself. He is worthy of a place in almost any herd. For further information address

HUGH J. DAVIS,
Broadalbin, N. Y.

Prince Korndyke Pontiac—
No. 94632.
His full brother sold in public sale for $2,900.00.
Carries 75 per cent of the blood of Pontiac Korndyke.

Hilldale Gem Segis—
No. 128550.
At 4 years:—
Butter 7 days 28.60
Milk 7 days 609.90
Milk 1 day 89.60
At 2 years, 10 months—
Butter 7 days 22.51
Milk 7 days 423.80
Butter 30 days 93.64
Milk, 30 days 1774.70

Pontiac Korndyke—
86 A. R. O. daughters—
11 above 30 lbs.
38 A. R. O. sons.

Pontiac Korndyke Maid—
Butter 33.76
Milk 535.00
Daughter of Pontiac Korndyke.

King Segis Beets—
22 A. R. O. daughters.
12 with records of 20 to 31.53 lbs.

Piebe Gem De Kol Vale—
Butter 4 years 19.62
Milk 414.30
Dam of—
Hilldale Gem Segis ....4 yrs. 28.60
Hilldale Vale Segis ....2 yrs. 20.43

DAVISDALE HERD

HARRY B. DAVIS, Prop. — **Chester, N. Y.**

Where can you beat this for $500.00? We would like to show you personally this

BULL CALF

Born Dec. 5, 1913.
The record of his six nearest dams (including the 2-year-old record of his own dam) average—
Butter, 7 days 26.65
Omitting this two-year-old record, his five nearest dams average 28.64 lbs.
A right good individual, handsomely marked.

ORMSBY KORNDYKE LAD.
The records of his dam and sire's dam average—
Butter, 7 days 35.09
Butter, 30 days 138.11
A show bull of regular 35-lb. quality. His offspring share these desirable characteristics, and promise much for the future.

BUTTER GIRL MAY KORNDYKE.
At 2 years—
Butter 16.69
Milk 355.10
One of the good daughters of her sire. A heifer with a future.

KING KORNDYKE HENGERVELD ORMSBY.
The $7,500.00 Bull.
Has a good list of A. R. O. daughters. His dam, Pietertje Maid Ormsby (35.56 lbs. in 7 days, 145.66 lbs. in 30 days.)

POLLY POSCH.
Butter, 7 days 34.61
Milk, 7 days 700.20
Butter, 30 days 130.56
Milk, 30 days 2866.20
Best 7 days' milk 723.00

PONTIAC KORNDYKE.
We don't need to introduce him.

BUTTER BOY MAY PIETERTJE.
Butter, 4½ years 23.82
Milk 573.30
From a 23-lb. dam and by De Kol 2d's Butter Boy 3rd.

Another World's Yearly Record

For the breed, for my herd, and for you if you purchase Briar Pietje Lyons Preble, a son of Briar Pietje Abbekerk, the new **World's Champion** junior 3-year-old, who has just completed the following records:—

365 days—
Butter ..... **955.57 lbs.**
Milk .....**21628.00 lbs.**
(World Record.)

Eight months from calving—
Butter ..... **18 31 lbs.**
Milk .....**400.00 lbs.**
(2nd in World.)

Briar Pietje Lyons Preble was calved December 14, 1911, is fully two-thirds white, a descendant of **Belle Korndyke,** and is sired by **Triple De Kol Lyons Preble,** twelve of whose tested dams average **4.33 per cent** of fat in A. R. O. tests, and **seventeen** of whose tested dams average **27.25 lbs.** of butter in 7 days. His granddam is **Betta Lyons Netherland,** the only 34-lb. cow with a 34-lb. dam, and three 20-l.b two-year-old daughters.

Visit my herd and see the largest number of **high yearly record cows** and their descndants owned in any herd of its size in the world. See article March 21st issue.

Write for pedigree and particulars cencerning Briar Pietje Lyons Preble.

Price $2,000.00.

A. A. KNAPP, — **Preble, N. Y.**

SOME OF THE FINEST HOLSTEINS THAT THE BREED AFFORDS

Have been entered for the 1914 Sale, Syracuse, N. Y., May 13 and 14. This is the fifth in a notable series, distinguished by the quality and dependability of its offerings.
Still room for a few more entries of the Right Sort.

E. M. Hastings, Sale Manager, LACONA, N. Y.

Sir Segis Korndyke Walker No. 59712

TELLS THE STORY

Just four of my two-year-old daughters have freshened. They were all officially tested and made the following records:— 22.31, 20.22, 19.35 (16.34 seven months calf).

BREEDERS, I have thirty-five more daughters just as promising as those mentioned above. How will I rank among the noted sires of the breed?

Take advantage of this opportunity and purchase one of my young sons. I have one from a 24.62-lb. dam and own brother to the 22.31-lb. two-year-old.

F. C. & K. A. OVERTON, Adams, N.Y.

FIFTH ANNUAL QUALITY SALE!

Peoria, Ill., April 14-15, 1914--Two Days

175 HEAD

CONSIGNORS — CONSIGNORS

I. J. CASE, Alta, Ill. — J. W. Garvey, Thayer, Ill.
R. E. Chapin & Son, Batavia, N. Y. — Green & Vaughn, Amboy, Ill.

ALL GOOD ONES

A FEW REPRESENATIVE OFFERINGS:

13 daughters of Pontiac Jewel Butter Boy (a son of De Kol 2d's Butter Boy 3d, from a 30-lb. daughter of Hengerveld De Kol.)
1 daughter of King Walker (Everybody knows him.)
4 daughters of Maplecrest Pontiac Bromide Boy (A son of Pontiac Aaggie Korndyke.)
1 daughter of Beryl Pontiac Korndyke (a 34-lb son of Pontiac Korndyke.)
1 23-lb. daughter of Sir Clyde.
1 daughter of Masterpiece.
1 20-lb. yearling daughter of Walker Korndyke Segis.
2 daughters of King of the Korndykes.

Granddaughters of Hengerveld De Kol, King of the Pontiacs, Pontiac Korndyke, King Segis, Admiral Walker Pietertje, and other good ones. Daughters of 25-lb. cows, and bulls whose two nearest dams average close to 30 lb.

Sons of King Quality, from Admiral Walker Pietertje dams. Cows in calf to King Quality.

In fact, this will be a real "Quality Sale."

SEND EARLY FOR CATALOG TO

I. J. CASE, ALTA, ILL.

New York State Breeders' Sale Co.

Next Sale May 5 and 6, 1914

WAIT

For Cattle of Quality

Our January Sale averafed $445.00. Good Cattle, Good Men, Good Treatment.

E. M. STANTON, Sec., NEW WOODSTOCK, N. Y.

World's Six Largest Yearly Record

HOLSTEIN-FRIESIAN COWS

Length of Record 365 Days

Name of Cow	Breed of Cow	Name of Breeder	Name of Owner	Age of Cow	Pounds of Milk	Per Ct. of Fat	Pounds of Fat	Pounds But 80% Fat
Banostine Belle De Kol	Holstein-Friesian	Dan Dimmick	Dan Dimmick & Bro.	5-2-22	27,404.4	3.86	1,058.34	1,322.9
Pontiac Clothilde De Kol 2d	Holstein-Friesian	Eastern Mich. Asylum	Stevens Bros. Co.	6-10-24	25,318.0	4.02	1,017.28	1,271.6
High-Lawn Hartog De Kol	Holstein-Friesian	Dan Dimmick	Dan Dimmick & Bro.	5-11-12	25,592.5	3.90	998.34	1,247.9
Colantha 4th's Johanna	Holstein-Friesian	W. J. Gillett	W. J. Gillett	8-1-19	27,432.5	3.64	998.26	1,247.8
Maplecrest Pontiac Flora Hartog	Holstein-Friesian	Dan Dimmick	Dan Dimmick & Bro.	5-2-1	25,106.3	3.92	986.11	1,232.6
Daisy Grace De Kol	Holstein-Friesian	Dan Dimmick	Dan Dimmick & Bro.	4-3-13	21,718.3	4.43	962.8	1,203.5

All are Holstein-Friesian Cows. They are all full aged cows except Daisy Grace DeKol, whose great record was made at the age of 4 years, 3 months and 13 days.

The combined yearly records of Banostine Belle DeKol, High-Lawn Hartog DeKol, Maplecrest Pontiac Flora Hartog and Daisy Grace DeKol are greater than the combined yearly records of any other four cows the world has ever produced.

We have bred, reared and developed twice as many of the six greatest yearly record Holstein-Friesian cows as all the other breeders combined. The explanation is in the fact that "BLOOD WILL TELL."

The Maplecrest Stock Farm Co.

Successor to DAN DIMMICK & BROTHER

OFFICE at **Kalamazoo, Mich.**

Telephone connection between Farms and office

FARMS at **E. Claridon, O.**

Kindly address all correspondence to Kalamazoo, Mich.

GREEN ACRE FARM

OFFERS for SERVICE their HERD SIRE

KING MASTER No. 117183

BORN JANUARY 15, 1912.

KING MASTER is one of the best bred bulls in the world. His sire, whose only daughter to be tested has a record of 23.39 lbs. as a senior 2-year--old, was sired by LORD NETHERLAND DE KOL and from the 27-lb. cow, SUSIE HENGERVELD DE KOL.

His dam, AAGGIE PAULINE SARCASTIC, is one of the very few cows that have produced 36 lbs. of butter in seven days; she is an ideal cow individually, and comes from great transmitting ancestry.

The records of King Master's dam and sire's dam average:

Butter 31.98 lbs. Milk, 525.95 lbs. Average fat 4.87.

Remember, his dam is a 36.35 cow; and his grandsire has more A. R. O. daughters and more producing daughters than any other sire, living or dead.

Service, to insure a live calf, $150.00.

Also a few young bulls for sale, sired by King Segis Champion No. 71546 (his dam a 36-lb. cow) and Lewis Prilly Rouble Hartog 2d No. 63777 (his dam a 30-lb. cow). The average of the two nearest dams of these calves are respectively 31.34 and 26.93 lbs. of butter. Address.

John A. Miller or **Calvin Tobias**

NAZARETH, PA. R.F.D. No. 3, NAZARETH, PA.

Combination and Dispersion Sale

60 HEAD REGISTERED HOLSTEINS 60 HEAD

MARCH 31st. MEDINA, OHIO

Dispersing the finely bred young herd of L. S. Crane of Sharon Ctr., O., and comprising 30 head or more of young, well-bred, unblemished animals from the A. R. O. herd of Indoe & Hatch of Medina, O. Consisting of 25 cows fresh and coming fresh, several of then having good A. R. O. records, 25 head of heifers one and two years old, several heifer calves and a few bull calves from A. R. O. dams. Also Mr. Crane's young herd sire, King Korndyke Copia Hengerveld 83765, individually and in breeding one of the best ever offered at Public Sale, several of his daughters and cows bred to him. Others bred to Lindt Butter Boy 55237 and several daughters of that great sire. Several good young cows in calf to a grandson of Pontiac Korndyke from a 26-lb. granddaughter of Pietertje Hengerveld's Count De Kol. Daughters of Walker Korndyke Segis, King Segis Pontiac Pietertje, and granddaughters of De Kol 2d's Butter Boy 3d, Pietertje Hengerveld's Count De Kol, King Segis and Pontiac Aaggie Korndyke. A sale of high class individuals. All animals over six months of age. Tuberculin-tested and every animal guaranteed as represented. Sale will commence at 11 A. M. on the farm of C. M. Hatch, one mile north of Medina, O., and right at stop 79 on the Cleveland, Southwestern and Columbus Electric Ry. All local cars on the southern division make this stop.

For Catalog and particulars address C. M. Hatch Medina, O.

LAST CALL FOR

LEE'S ANNUAL SPRING SALE!

Cazenovia, N. Y., March 27, 1914

The day following The Breeders' Consignment Sale. If you attend one, attend **Both.** No additional expense for shipping if you buy at both sales—see below.

This sale of some 75 registered Holsteins is by far the best in the Lee series—and all the Lee sales have been good sales.

Some of the offerings—

A dozen finely-bred bulls, including sons of the 40-lb. sire, Johanna King Segis and the $10,000 bull, King Segis Pontiac Alcartra.

If you are looking for a bull, don't fail to investigate the good ones offered in this sale.

The Females are the finest ever listed for an individual sale in Central New York. These include—

A four-year-old daughter of the 31-lb. cow, Buttercup De Kol Netherland.

A son of the preceding, by the $10,000 sire, King Segis Pontiac Alcartra.

A 24-lb. daughter of a three-fourths sister to the 30-lb. cow, Ladoga De Kol Pauline.

The 23-lb. cow, Clothilde Imperial De Kol.

A daughter of Dr. Sharpe's noted Sir Prilly Walker.

A yearling daughter of King Segis Pontiac Polkadot, from a 24-lb. four-year-old granddaughter of Belle Korndyke. The sire is a full brother in blood to Arfmann's $10,000 bull.

A yearling daughter of Jessie Maida Paul De Kol Jr., from a 24-lb. dam.

Several daughters of Joe Korndyke, one of the best bred sons of Earl Korndyke De Kol, and daughters also of Sir Johanna Lyons—whose breeding is as good as his name.

Granddaughters of King of the Pontiacs, King Segis Pontiac, Pontiac Korndyke, Jessie Maida Paul De Kol, and other good ones.

N. B. To buyers at the Breeders' Consignment Sale who are buyers also at the Lee Sale, Mr. Lee makes the liberal offer of delivering free of charge to Syracuse from his sale any animals that are to be included in the same shipment with cattle bought at the Syracuse Sale.

With but two exceptioins, all animals in the Lee Sale are physically sound and unblemished; and all that are old enough will be tuberculin-tested by a State approved veterinarian.

Write early for Catalog to

E. M. HASTINGS, Sales Manager LACONA, N. Y.

Cazenovia can be reached by the West Shore (Chenango Branch) or Lehigh Valley railways. Conveyances wil lmeet the morning trains on both roads on day of sale.

Seek-No-Farther Holsteins

THE GREATEST SPRING FRESHENING HERD IN MICHIGAN

Headed by and bred to a young grand son of King of the Pontiacs, Pontiac Artis, Joe Gelsche De Kol Burke and Clarissa Clothilde Pietertje.

His three nearest dams average over 30 lbs. butter and over 611 lbs. milk for 7 days.

Our cows will freshen from March 8 to June 16. Make your wants known at once, or you'll be too late. Every person has his own choice with us.

Yours to please.

H. A. WARD Prop. **GREGORY, MICH.**

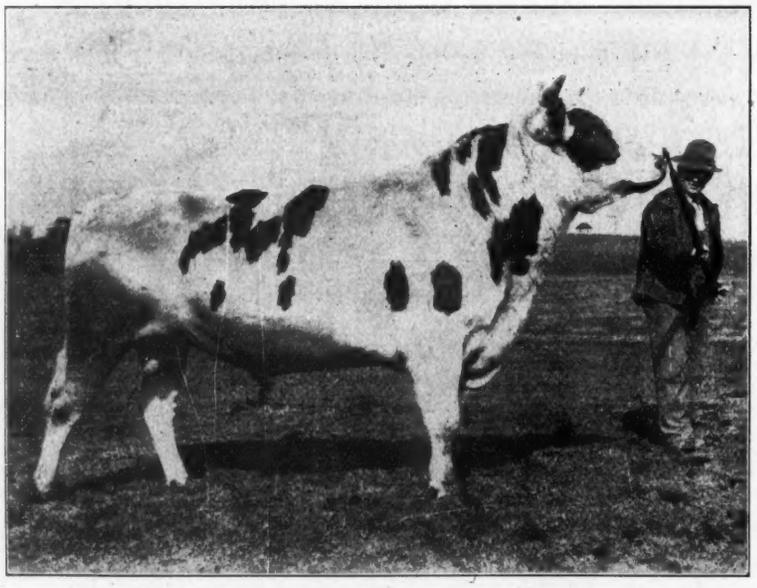
A HOLSTEIN DEMONSTRATION

THE MADISON-CHENANGO HOLSTEIN CLUB SALE

EARLSVILLE, N. Y., MAY 7 AND 8

In this first sale of its kind will be offered the best that some dozens of leading herds can afford, in a territory that has produced some of the finest cattle in the world.

E. M. HASTINGS, Sales Manager **LACONA, N. Y.**



KING LYONS 71155

Moyerdale Herd Sire the Successor of the Great King Segis

Moyerdale Farm, the home of the greatest producing cows of the Black and White breed.

Moyerdale Farm, the home of the great King Segis, the greatest 9 year old sire and grand sire of the breed. 82 officially tested daughters, 365 officially tested granddaughters, 447 officially tested daughters and granddaughters.

KING LYONS NO. 71155. BORN MARCH 23, 1910.

His first seven dams in the first four generations have seven-day records that average 30.26 lbs. each. **Sire, Colantha Johanna Champion 45074,** a son of **Colantha Fourth's Johanna.** Butter, 7 days, 35.22 lbs. Her sons have sired the following World Record Heifers:

Colantha Johanna Champion—the sire of:

Woodcrest Colantha Pietje, milk 20859.7 lbs. at one year, a World Record.

Colantha Johanna Lad, the sire of:

Dutchland Colantha Vale, a junior two-year-old, milk 22,750.2 lbs. one year, a World Record.

Dutchland Colantha Mona, a junior three-year-old, milk 22645.6, one year, a World Record.

Dutchland Changeling Colantha Lad, a junior three-year-old, butter 945.0 one year, a World Record.

What more could you ask of the sons of any one cow.

The dams of the following 30-lb. cows appear in the breeding of King Lyons:

Grace Fayne 2nd Homestead 33.55
Colantha 4th Johanna 35.22
Betty Lyons Netherland 34.71
Blanche Lyons Netherland 34.36

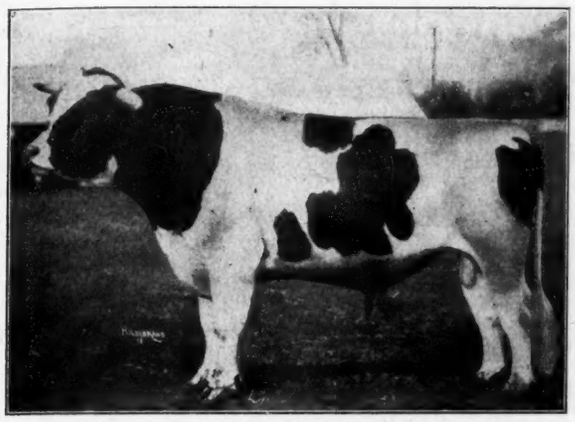
By request I will be pleased to send you by mail a large sized, beautifully gotten up tabulated pedigree, printed on linen back paper showing photographs of the great ancestors which are contained in the breeding of King Lyons.

Only two sons of King Lyons are left for sale, a few other choice bred bull calves.

H. A. MOYER, Syracuse, N. Y. **WM. B. SIMPSON, Supt.**

The Two Great Herd Sires at Emblagaard

Colantha Johanna Champion 45674



COLANTHA JOHANNA CHAMPION 45674

A SON OF

COLANTHA 4TH'S JOHANNA 48577, the most famous dairy cow of the world and the only cow to hold all world's records at one time.

Butter, 7 days	35.22
Butter, 30 days	138.54
Butter, 60 days	260.50

Semi-official yearly record:

Butter	1247.82
Milk	27432.50
Per cent fat	3.64

Dam of Colantha Johanna Lad, 60 A. R. O. daughters including three world's record heifers.

He was sired by SIR FAYNE CONCORDIA 35227, a son of Homestead Jr. De Kol and a brother of Grace Fayne 2d's Homestead, 35.55 lbs. in 7 days.

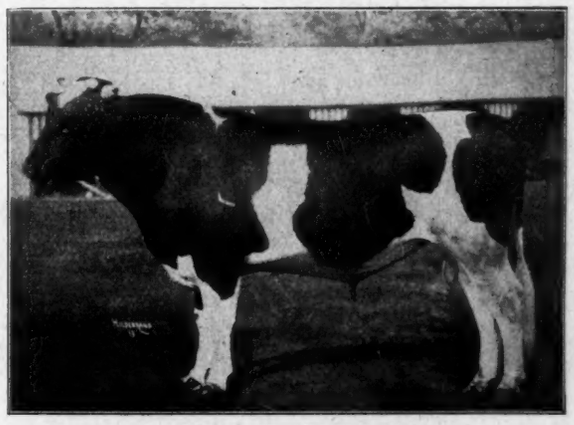
COLANTHA JOHANNA CHAMPION is the sire of 22 A. R. O. daughters including three 20-lb. junior two-year-olds, and the world's record heifer Woodcrest Colantha Pietje, the one year and eleven months old heifer that produced 20859.7 lbs. of milk and 799.52 lbs. of butter in one year. His sons are at the head of some of the greatest herds in America.

We are breeding him at Emblagaard to cows with yearly records of from 750 to 1,000 pounds of butter.

Calves backed by great yearly averages will result.

Emblagaard Prince 80596

The product of the most consistently productive breeding ever seen in an extended pedigree. He is a son of SEGIS WALKER PIETERTJE 111684 whose record at 3½ years is 27.85 lbs. of butter in seven days. She made three records averaging 26.42 lbs. before she was four years old, a world's record. She is a daughter of the great King Segis out of Ruby Walker Pietertje 30.21, a daughter of Lillian Walker Pietertje, 30.01, a daughter of Beauty Pietertje 30.51 in turn a daughter of the great transmitting cow Prilly. These five cows hold the world's record for four and five generations. Only one other family of the breed can show three generations of 30-lb. cows. The sire of Emblagaard Prince is KING COLANTHA CLOTHILDE 60403, a son of Abby Hartog Clothilde, 31.39 lbs. by COLANTHA JOHANNA LAD, the son of Colantha 4th's Johanna, 35.22 lbs. shown above.



EMBLAGAARD PRINCE 80596

All of the tested dams of Emblagaard Prince for 5 generations (12 out of 15) average 28.75 lbs. butter in 7 days. All of his daughters will be kept at Emblagaard and officially tested with first calf.

EMBLAGAARD DAIRY,

BIG BAY, MICHIGAN.

What goes into the Hopper comes out in the Grist. You know that Mendel, the authority on inheritance says: "What goes into an animal through its ancestors will come out through its decendants."

IS'NT THAT REASONABLE ?

Now SPRING FARM KING PONTIAC 6TH is grinding out the grist. *Into the hopper* went a 34-lb. dam, a 37-lb. granddam and a 44-lb. seven-eighths sister. *Into the hopper* went a dam who with her daughter produced more than any other dam and daughter by 9½ lbs. butter in seven days, 35.9 lbs. of butter for thirty days, 87½ per cent the same blood as the world's largest record cow, for 7, 30, 60, 90 and 100 days. *Into the hopper* went Pontiac Korndyke, King of the Pontiacs, Hengerveld De Kol, Belle Korndyke, De Kol 2d's Butter Boy 3d, Netherland Hengerveld, Pietertje Tweede 2d De Kol, De Kol 2d, Pietertje 3d, Milla's Pietertje Netherland, De Kol 2d Butter Boy, Mechthilde Manor De Kol, Inka, etc.; and also *into the hopper* went the sires and dams of thirty-odd 30-lb. cows, and the grandsires and granddams of more than 100 other 30-lb. cows of high-class individuality big, straight, square dams with square-set udders, intelligent breeding, known transmitting ability, proven families, everything that goes to make a good grist

It's a big mill and doing lot's of grinding

Wouldn't a little of this grist look good in your herd?

It seems as though you must be interested by this time---

Everyone else is.

Write for booklet that tells all about

Spring Farm King Pontiac 6th

The best bred Holstein bull living.

HENRY STEVENS & SON

BROOKSIDE STOCK FARM

(ESTABLISHED 1876) LACONA, N. Y. 175 Head